ပြည်ထောင်စုသမ္မတမြန်မာနိုင်ငံတော်

မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုကော်မရှင်

စာအမှတ်၊မရက - ၅(အ)/ခ-၀၁၇/၂၀၁၉(၁၄၂)

ရက်စွဲ၊ ၂၀၁၉ ခုနှစ် ဇန်နဝါရီလ ၂၉ ရက်

မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုကော်မရှင်သို့ တင်ပြသည့် အမှာစာ

အကြောင်းအရာ။ **မြန်မာနိုင်ငံသားရင်းနှီးမြှုပ်နှံမှုဖြင့် Mon Petrol Company Limited မှ ဆီတင်ချ ဆိပ်ကမ်းတည်ဆောက်ပြီး ဓာတ်ဆီ၊ ဒီဇယ်ဆီ နှင့် LPG တင်သွင်း သိုလှောင် ဖြန့်ဖြူးရောင်းချခြင်းလုပ်ငန်းဆောင်ရွက်ခွင့်ပြုပါရန် အဆိုပြုချက်တင်ပြခဲ့ခြင်းအပေါ် မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုကော်မရှင် အစည်းအဝေးဆုံးဖြတ်ချက်နှင့်အညီ ပြန်လည်တင်ပြလာခြင်းကိစ္စ**

၁။ မြန်မာနိုင်ငံသားရင်းနှီးမြှုပ်နှံမှုဖြင့် Mon Petrol Company Limited မှ ကမာသင်းမြောက်ကွင်း၊ ကော့ပရံကျေးရွာအုပ်စု၊ မုဒုံမြို့နယ်၊ မွန်ပြည်နယ်တွင် ဆီတင်ချ ဆိပ်ကမ်းတည်ဆောက်ပြီး ဓာတ်ဆီ၊ ဒီဇယ်ဆီ နှင့် LPG တင်သွင်း သိုလှောင် ဖြန့်ဖြူးရောင်းချခြင်းလုပ်ငန်းအား မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုဥပဒေနှင့်အညီ ဆောင်ရွက်ခွင့်ပြုပါရန် မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုကော်မရှင်သို့ အဆိုပြုချက်တင်ပြလာခြင်းအား ၂၀၁၉ ခုနှစ် ဇန်နဝါရီလ ၁၁ ရက်နေ့တွင်ကျင်းပသော မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုကော်မရှင်၏၁/၂၀၁၉ကြိမ်မြောက်အစည်းအဝေးသို့ တင်ပြဆွေးနွေးခဲ့ပါသည်။

၂။ အစည်းအဝေးတွင် လျှပ်စစ်နှင့်စွမ်းအင်ဝန်ကြီးဌာနကိုယ်စားလှယ်မှ အဆိုပြုလုပ်ငန်းပါ LPG သိုလှောင်ကန်များနှင့် ပတ်သက်၍ Detail Design အား တင်ပြပေးရန် ဆွေးနွေးခဲ့ပါသည်။ ကုမ္ပဏီမှ အစည်းအဝေးဆုံးဖြတ်ချက်နှင့်အညီ သိုလှောင်ကန်များ၏ Elevation Design၊ Roof Plan၊ Foundation Plan နှင့် Jetty Construction Design များကို တင်ပြလာပါသဖြင့် လျှပ်စစ်နှင့်စွမ်းအင်ဝန်ကြီးဌာနသို့ သဘောထားမှတ်ချက် တောင်းခံခဲ့ပါသည်။

၃။ လျှပ်စစ်နှင့်စွမ်းအင်ဝန်ကြီးဌာနမှ ၂၀၁၉ခုနှစ် ဇန်နဝါရီလ ၂၄ ရက်နေ့ ရက်စွဲပါစာဖြင့် ကုမ္ပဏီအနေဖြင့် သက်ဆိုင်ရာဝန်ကြီး ဌာနများ၏ ခွင့်ပြုမိန့်/လိုင်စင်များကို ရယူဆောင်ရွက်ပြီးနောက် ရေနံနှင့်ရေနံထွက်ပစ္စည်းဆိုင်ရာ ဥပဒေနှင့်အညီ လျှပ်စစ်နှင့်စွမ်းအင်ဝန်ကြီးဌာနသို့ တင်ပြခွင့်ပြုချက် တောင်းခံရမည်ဖြစ်ကြောင်း သဘောထားမှတ်ချက် ပြန်ကြားလာပါသည်။

၄။ အောက်ပါအတိုင်းစိစစ်တင်ပြအပ်ပါသည်-

(က) မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုကော်မရှင် ခွင့်ပြုမိန့်ရရှိပြီးပါက ကုမ္ပဏီအနေဖြင့် ရေနံဓာတ်ငွေ့ရည်ကို ပြည်ပမှတင်သွင်း၍ ဆီတင်/ချ ဆိပ်ခံတံတားအပါအဝင်

သိုလှောင်စခန်း (Terminal) ဖြင့် သိုလှောင် ဖြန့်ဖြူးခြင်း လုပ်ငန်းလိုင်စင်(က) အား ဆက်လက် လျှောက်ထား၍ သတ်မှတ်စည်းကမ်းချက်များအတိုင်း လိုက်နာပြီး လျှပ်စစ်နှင့်စွမ်းအင်ဝန်ကြီးဌာနသို့တင်ပြရမည်ကြောင်းစိစစ်တွေ့ရှိရပါသည်။

(ခ) မြန်မာနိုင်ငံသားရင်းနှီးမြှုပ်နှံမှုဖြင့် အဆိုပြုလုပ်ငန်း အမျိုးအစား နှင့် အလားတူလုပ်ငန်းဖြစ်သည့် ဓာတ်ဆီ၊ ဒီဇယ်ဆီ နှင့် LPG များ တင်သွင်းခြင်း၊ သိုလှောင်ခြင်း၊ ဖြန့်ဖြူးခြင်းနှင့် ရောင်းချခြင်းလုပ်ငန်းအား ရန်ကုန်တိုင်းဒေသကြီး၊ ကျောက်တန်း မြို့နယ်တွင် Brighter Energy Co., Ltd. သို့ ကော်မရှင်မှ ခွင့်ပြုမိန့် ထုတ်ပေးခဲ့ပြီးဖြစ်ပါသည်။

ဆုံးဖြတ်ရန်အချက်

၅။ သို့ဖြစ်ပါ၍ မြန်မာနိုင်ငံသားရင်းနှီးမြှုပ်နှံမှုဖြင့် Mon Petrol Company Limited မှ ဆီတင်ချ ဆိပ်ကမ်းတည်ဆောက်ပြီး ဓာတ်ဆီ၊ ဒီဇယ်ဆီ နှင့် LPG တင်သွင်း သိုလှောင် ဖြန့်ဖြူး ရောင်းချခြင်းလုပ်ငန်း ဆောင်ရွက်ခွင့်ပြုရန်အတွက် လိုအပ်ချက်များ ပြန်လည်တင်ပြလာခြင်းနှင့်စပ်လျဉ်း၍ ခွင့်ပြုမိန့်ထုတ်ပေးရန် သဘောတူ-မတူ။

ဉက္ကဋ္ဌ(ကိုယ်စား)
(အောင်နိုင်ဦး၊ အတွင်းရေးမှူး)

မိတ္တူကို
ရုံးလက်ခံ

ပြည်ထောင်စုသမ္မတမြန်မာနိုင်ငံတော်အစိုးရ

လျှပ်စစ်နှင့်စွမ်းအင်ဝန်ကြီးဌာန

စာအမှတ်၊ MOEE-၂ / (၁၅)/ (သဘောထား-၂) /(၁၃၂၃)/၂၀၁၉

ရက် စွဲ ၊၂၀၁၉ ခု နှစ် ၊ ဇန်နဝါရီလ ၂၄ ရက်

သို့

မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုကော်မရှင်

အကြောင်းအရာ။ **သဘောထားမှတ်ချက် ပြန်ကြားခြင်းကိစ္စ**

ရည် ညွှန်း ချက်။ မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုကော်မရှင်၏ ၁၄-၁-၂၀၁၉ ရက်စွဲပါစာအမှတ်၊ မရက-၅ (စ)/ခ-၀၁၇/ ၂၀၁၉ (၀၁၃)

၁။ မြန်မာနိုင်ငံသားရင်းနှီးမြှုပ်နှံမှုဖြင့် Mon Petrol Company Limited တည်ထောင်ပြီး ကမာသင်းမြောက်ကွင်း၊ ကော့ပရံကျေးရွာအုပ်စု၊ မုဒုံမြို့နယ်၊ မွန်ပြည်နယ်တွင် ဆီတင်/ချ ဆိပ်ကမ်း တည်ဆောက်ပြီး ဓာတ်ဆီ၊ ဒီဇယ်ဆီနှင့် LPG တင်သွင်း သိုလှောင် ဖြန့်ဖြူး ရောင်းချခြင်း လုပ်ငန်းအား မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုဥပဒေနှင့်အညီ ဆောင်ရွက်ခွင့်ပြုပါရန် မြန်မာနိုင်ငံရင်းနှီး မြှုပ်နှံမှုကော်မရှင်သို့ အဆိုပြုချက်တင်ပြခြင်းနှင့်စပ်လျဉ်း၍ အဆိုပြုလုပ်ငန်းအား ကန့်ကွက်ရန် ရှိ/မရှိ သဘောထားမှတ်ချက်ပြန်ကြားပေးပါရန် မြန်မာနိုင်ငံရင်းနှီးမြှုပ်နှံမှုကော်မရှင်မှ ရည်ညွှန်းပါစာဖြင့် အကြောင်းကြားလာခဲ့ပါသည်။

၂။ အဆိုပါကိစ္စနှင့်စပ်လျဉ်း၍ လျှပ်စစ်နှင့်စွမ်းအင်ဝန်ကြီးဌာနအနေဖြင့် အောက်ပါအတိုင်း သဘောထားမှတ်ချက် ပြန်ကြားအပ်ပါသည်-

(က) ရေနံဓာတ်ငွေ့ရည် တင်သွင်းသိုလှောင်ဖြန့်ဖြူးရောင်းချခြင်းလုပ်ငန်းနှင့် စပ်လျဉ်း၍ လုပ်ငန်းလုပ်ကိုင်မည့်ကုမ္ပဏီသည် Layout Plan, Detail Design Drawing များနှင့် အခြားလိုအပ်သော စာရွက်စာတမ်းအထောက်အထားများကို လျှပ်စစ်နှင့်စွမ်းအင်ဝန်ကြီးဌာန၊ မြန်မာ့ရေနံဓာတုဗေဒလုပ်ငန်းသို့ တင်ပြရမည်ဖြစ်ပြီး၊ ၎င်းအဆိုပြုတင်ပြချက်များကို သတ်မှတ်ချက်များ နှင့်ကိုက်ညီမှု ရှိ/ မရှိကို စိစစ် ဆောင်ရွက်သွားမည်ဖြစ်ကြောင်း၊

(ခ) သတ်မှတ်ချက်များနှင့်ကိုက်ညီပါက လျှပ်စစ်နှင့်စွမ်းအင်ဝန်ကြီးဌာန၊ မြန်မာ့ရေနံ ဓာတုဗေဒလုပ်ငန်းအနေဖြင့် အဆိုပြုတင်ပြထားသည့် Layout Plan, Detail Design Drawing များအတိုင်း တည်ဆောက်သွားရန် ကုမ္ပဏီသို့ အကြောင်း ပြန်ကြားမည်ဖြစ်ကြောင်း၊

(ဂ) အဆိုပြုချက်တွင် Layout Plan နှင့် Drawing များကို တင်ပြထားသော်လည်း ရေနံဓာတ်ငွေ့ရည်ကို ပြည်ပမှတင်သွင်း၍ ဆီတင်/ချ ဆိပ်ခံတံတား အပါအဝင်

သိုလှောင်စခန်း (Terminal) ဖြင့် သိုလှောင်ဖြန့်ဖြူးခြင်းလုပ်ငန်းလိုင်စင်(က) အတွက် စည်းကမ်းသတ်မှတ်ချက်များတွင်ပါဝင်သည့် Layout Plan, Detail Design Drawing နှင့် အခြားလိုအပ်သောစာရွက်စာတမ်းများ ဖော်ပြထားခြင်း မရှိသည်ကို တွေ့ရှိရပါကြောင်း၊

(ဃ) Mon Petrol Company Limited အနေဖြင့် ရေနံနှင့်ရေနံထွက်ပစ္စည်းဆိုင်ရာ ဥပဒေနှင့်အညီ သက်ဆိုင်ရာဝန်ကြီးဌာနများ၏ ခွင့်ပြုမိန့်/ လိုင်စင်များကို ဦးစွာ ရယူဆောင်ရွက်ပြီးနောက် လျှပ်စစ်နှင့်စွမ်းအင်ဝန်ကြီးဌာနသို့ တင်ပြခွင့်ပြုချက် တောင်းခံဆောင်ရွက်သွားရန်ဖြစ်ကြောင်း၊

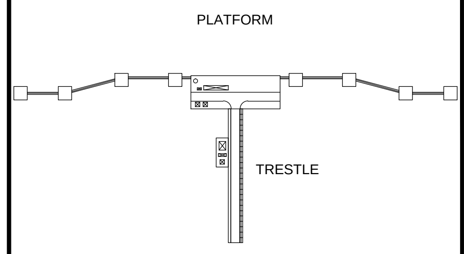
ပြည်ထောင်စုဝန်ကြီး (၅၈)
(တင်မောင်ဦး၊အမြဲတမ်းအတွင်းဝန်)

မိတ္တူကို

ရေနံနှင့်သဘာဝဓာတ်ငွေ့စီမံရေးဦးစီးဌာန
မြန်မာ့ရေနံဓာတုဗေဒလုပ်ငန်း
ရုံးလက်ခံ/မျှောစာတွဲ

DESIGN AND CONSTRUCTION OF OIL TERMINAL (MON PETROL COMPANY LIMITED)			
DESIGN DRAWINGS OF OIL TERMINAL			
NO.	DRAWING NO.	DRAWING TITLE	LATEST REVISION
1	18-P0022-JTY-000	DRAWING LIST	0
2	18-P0022-JTY-001	PLAN ON BATHYMETRY WITH CONTOUR	0
3	18-P0022-JTY-001A	PLAN ON BATHYMETRY WITHOUD CONTOUR	0
4	18-P0022-JTY-002	JETTY LOCATION ON GOOGLE EARTH (SHEET 1 OF 2)	0
5	18-P0022-JTY-002A	JETTY LOCATION ON GOOGLE EARTH (SHEET 2 OF 2)	0
6	18-P0022-JTY-003	OVERALL PLOT PLAN OF OIL TERMINAL	0
7	18-P0022-JTY-004	PILING PLAN AND STRUCTURAL LAYOUT OF OIL TERMINAL	0
8	18-P0022-JTY-005	SIDE ELEVATION AND FRONT ELEVATION OF PLATFORM	0
9	18-P0022-JTY-005A	TOTAL FRONT ELEVATION OF THE WHOLE JETTY	0
10	18-P0022-JTY-006	PLAN AND ELEVATION OF BREASTING DOLPHIN	0
11	18-P0022-JTY-007	REINFORCEMENT DETAIL OF BREASTING DOLPHIN	0
12	18-P0022-JTY-008	PLAN AND ELEVATION OF MOORING DOLPHIN	0
13	18-P0022-JTY-009	REINFORCEMENT PLAN OF MOORING DOLPHIN	0
14	18-P0022-JTY-010	REINFORCEMENT DETAIL OF MOORING DOLPHIN	0
15	18-P0022-JTY-011	PLAN AND SECTION OF TRESTLE (SHEET 1 OF 2)	0
16	18-P0022-JTY-012	PLAN AND SECTION OF TRESTLE (SHEET 2 OF 2)	0
17	18-P0022-JTY-013	REINFORCEMENT DETAIL OF BERTHING FIN	0
18	18-P0022-JTY-014	DETAILING FOR VARIOUS TYPES OF SLABS & BEAMS	0
19	18-P0022-JTY-015	PILE DETAIL FOR ALL STEEL PIPE PILES	0
20	18-P0022-JTY-018	TYPICAL DETAIL OF FENDER	0
21	18-P0022-JTY-017	TYPICAL DETAIL OF MOORING BOLLARD	0
22	18-P0022-JTY-018	TYPICAL DETAIL OF LADDER	0
23	18-P0022-JTY-019	TYPICAL DETAIL OF LIGHT POST AND HAND RAIL	0
24	18-P0022-JTY-020	TYPICAL DETAIL OF GANGWAY	0
25	18-P0022-JTY-021	TYPICAL DETAIL OF WALKWAY (SHEET 1 OF 2)	0
26	18-P0022-JTY-022	TYPICAL DETAIL OF WALKWAY (SHEET 2 OF 2)	0
27	18-P0022-JTY-023	DETAILS OF FOOTING	0
28	18-P0022-JTY-024	HOIST LIFTING STRUCTURE	0

KEY PLAN



NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
2. ALL LEVELS ARE METERS MEASURED FROM CHART DATUM (CD).

REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

OWNER

MON PETROL COMPANY LIMITED
No. (50), Sayarsan Road, Bahan Township, Yangon.
Email: info@monpetrol.com

DESIGN

U SOE THEIN
PROFESSIONAL ENGINEER
ACPE

CONSTRUCTION CONTRACTOR

PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

PROJECT DESCRIPTION

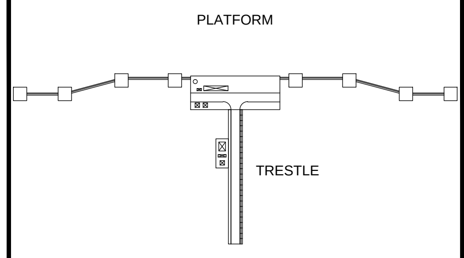
PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

DRAWING LIST

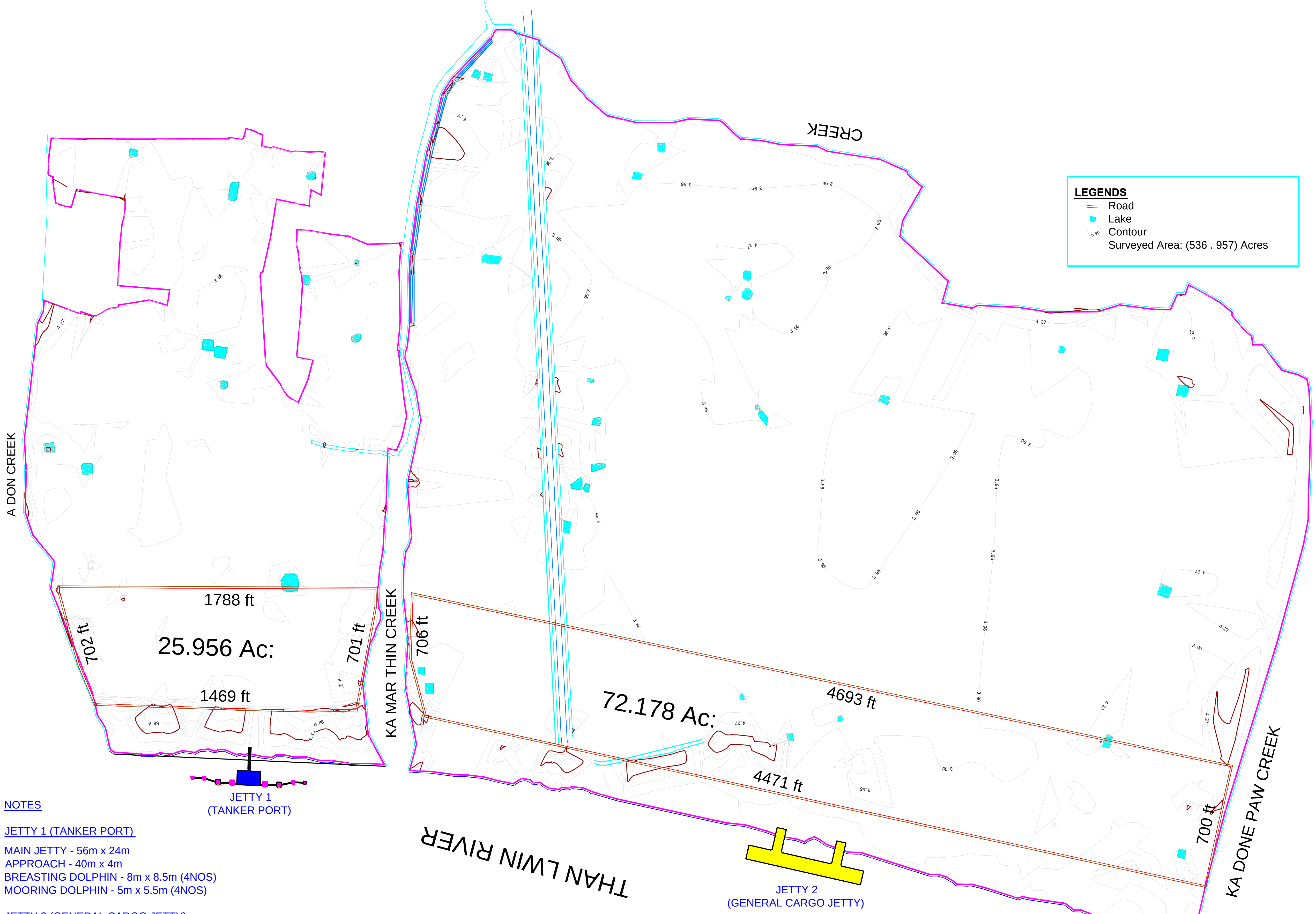
DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	NTS	DRAWING NO: 18-P0022-JTY-000	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-000.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : OF :	1 1

KEY PLAN



NOTES

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NOTES

JETTY 1 (TANKER PORT)

MAIN JETTY - 56m x 24m
APPROACH - 40m x 4m
BREASTING DOLPHIN - 8m x 8.5m (4NOS)
MOORING DOLPHIN - 5m x 5.5m (4NOS)

JETTY 2 (GENERAL CARGO JETTY)

MAIN JETTY - 200m x 24.65m
APPROACH - 42m x 14.6m

THE MAXIMUM ACCESSIBLE VESSEL FOR JETTIES

LOA = 154m
B = 23.4m
d = 8.6m

PLAN ON BATHYMETRY

SCALE (1:1260)

REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

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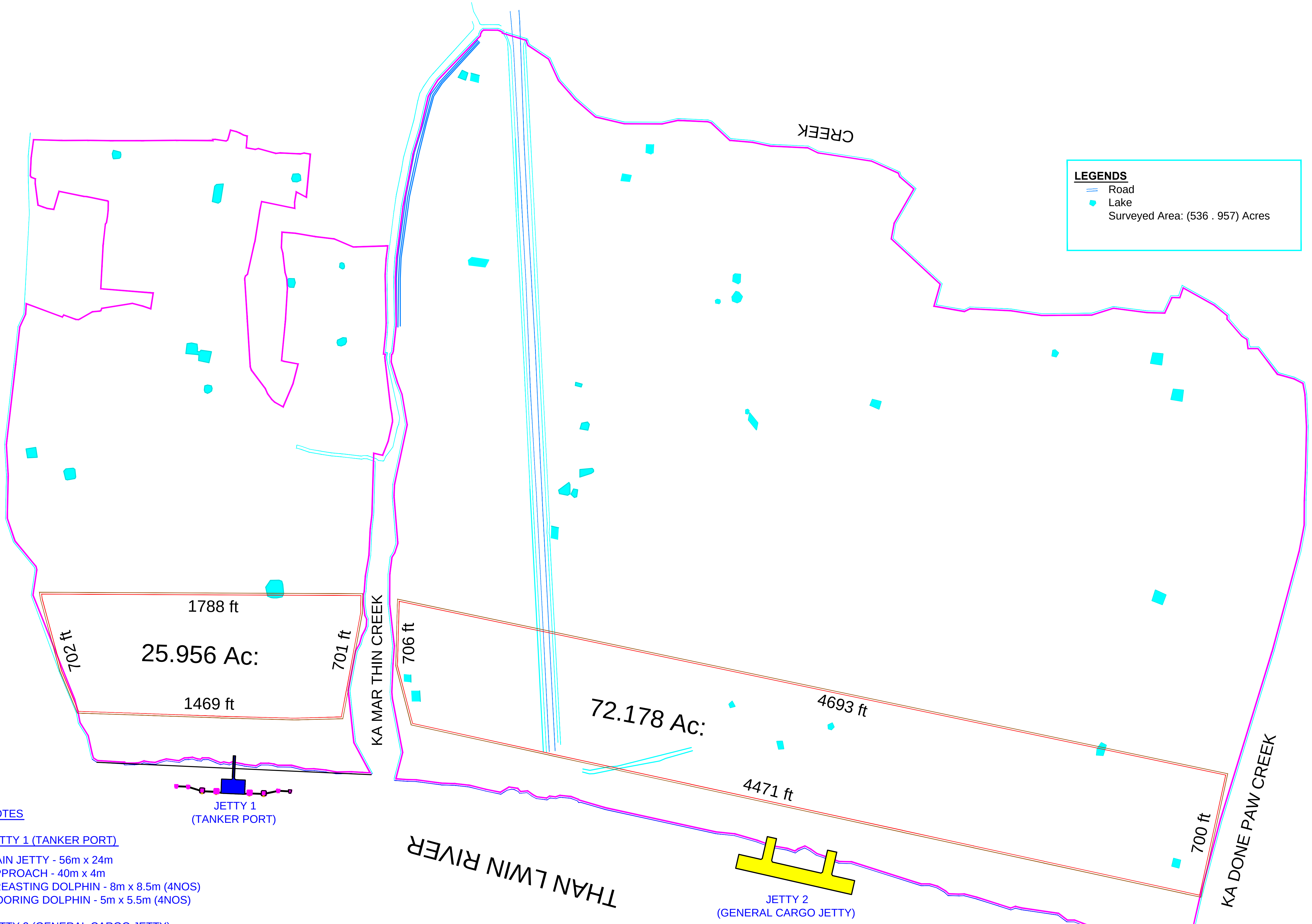
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

PLAN ON BATHYMETRY WITH CONTOUR

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:1260	DRAWING NO: 18-P0022-JTY-001	REV NO:
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-001.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : OF :	



NOTES

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MOORING DOLPHIN - 5m x 5.5m (4NOS)

JETTY 2 (GENERAL CARGO JETTY)

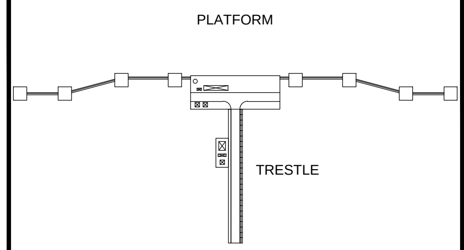
MAIN JETTY - 200m x 24.65m
APPROACH - 42m x 14.6m

THE MAXIMUM ACCESSIBLE VESSEL FOR JETTIES
LOA = 154m
B = 23.4m
d = 8.6m

PLAN ON BATHYMETRY

SCALE (1:1260)

KEY PLAN



NOTES

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REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

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PROJECT DESCRIPTION

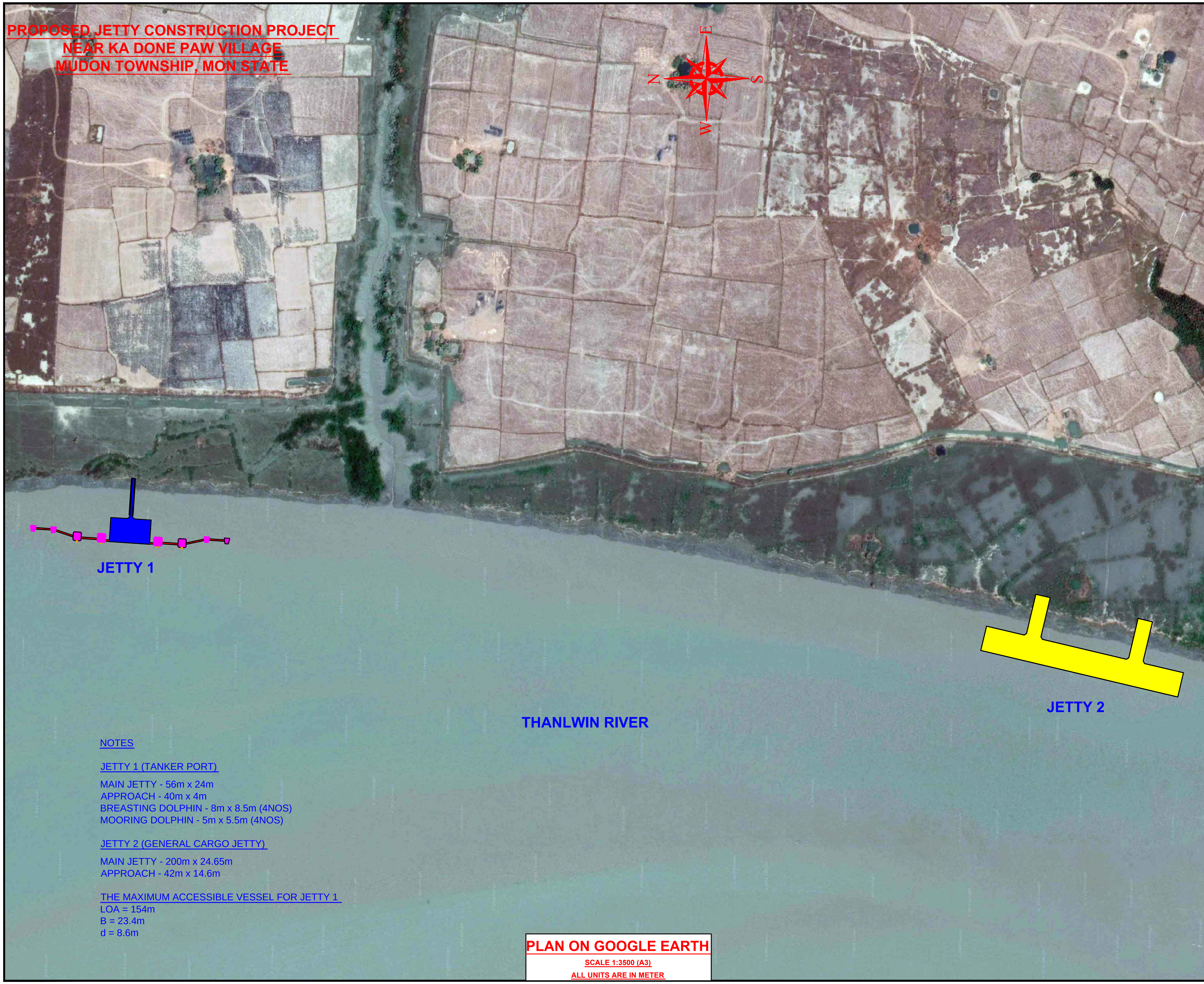
PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

PLAN ON BATHYMETRY WITHOUT CONTOUR

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:1260	DRAWING NO: 18-P0022-JTY-001A	REV NO:
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-001A.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : OF :	

PROPOSED JETTY CONSTRUCTION PROJECT
NEAR KA DONE PAW VILLAGE
MUDON TOWNSHIP, MON STATE



NOTES

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MOORING DOLPHIN - 5m x 5.5m (4NOS)

JETTY 2 (GENERAL CARGO JETTY)

MAIN JETTY - 200m x 24.65m
APPROACH - 42m x 14.6m

THE MAXIMUM ACCESSIBLE VESSEL FOR JETTY 1

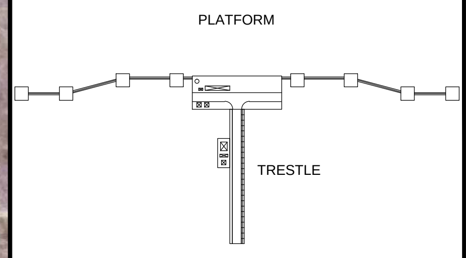
LOA = 154m
B = 23.4m
d = 8.6m

PLAN ON GOOGLE EARTH

SCALE 1:3500 (A3)

ALL UNITS ARE IN METER

KEY PLAN



NOTES

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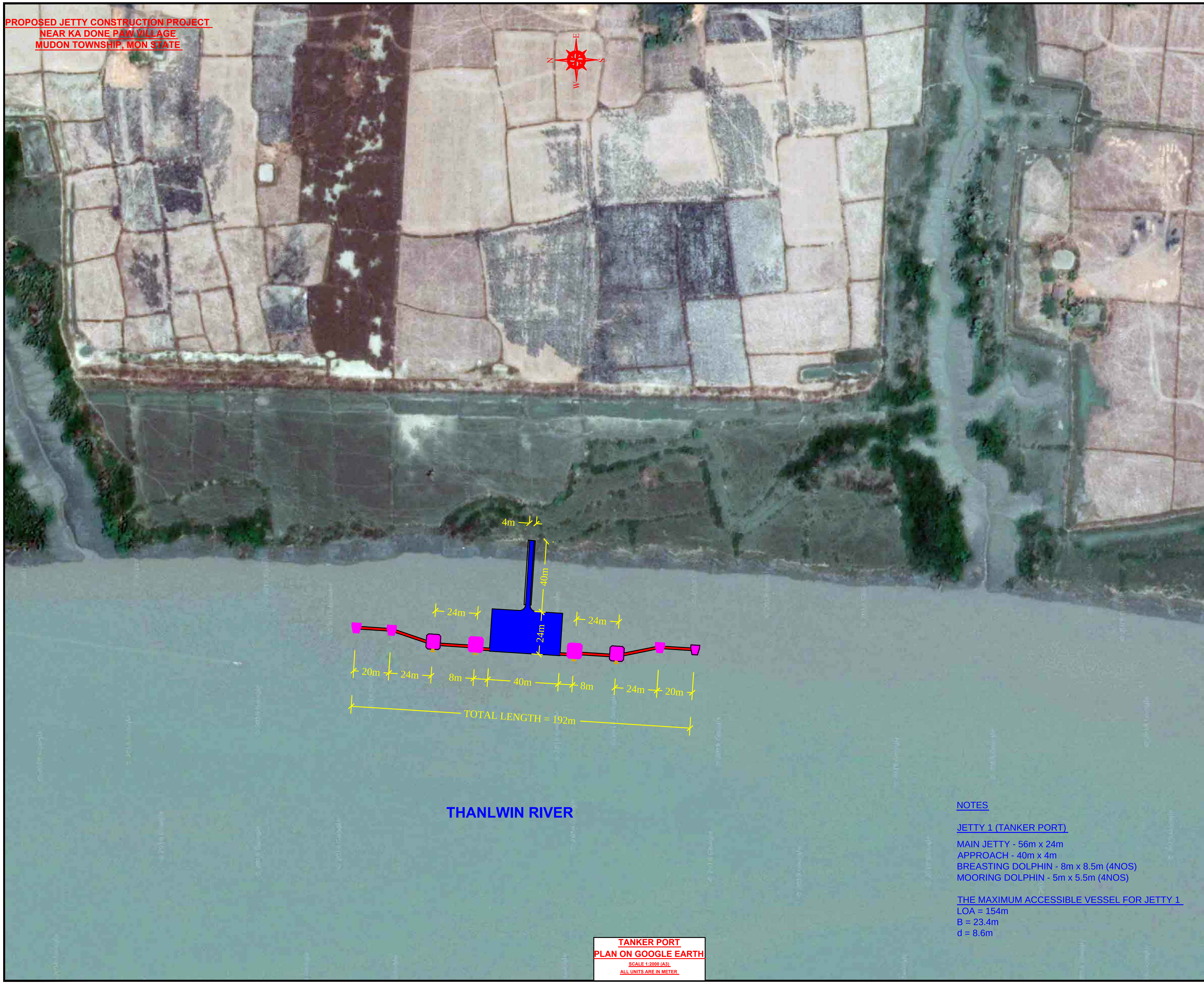
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

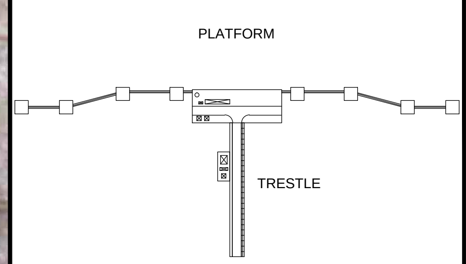
DRAWING TITLE

JETTY LOCATION ON GOOGEL EARTH (SHEET 2 OF 1)

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:3500 A3	DRAWING NO: 18-P0022-JTY-002	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-002.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	



KEY PLAN



NOTES

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REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

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PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

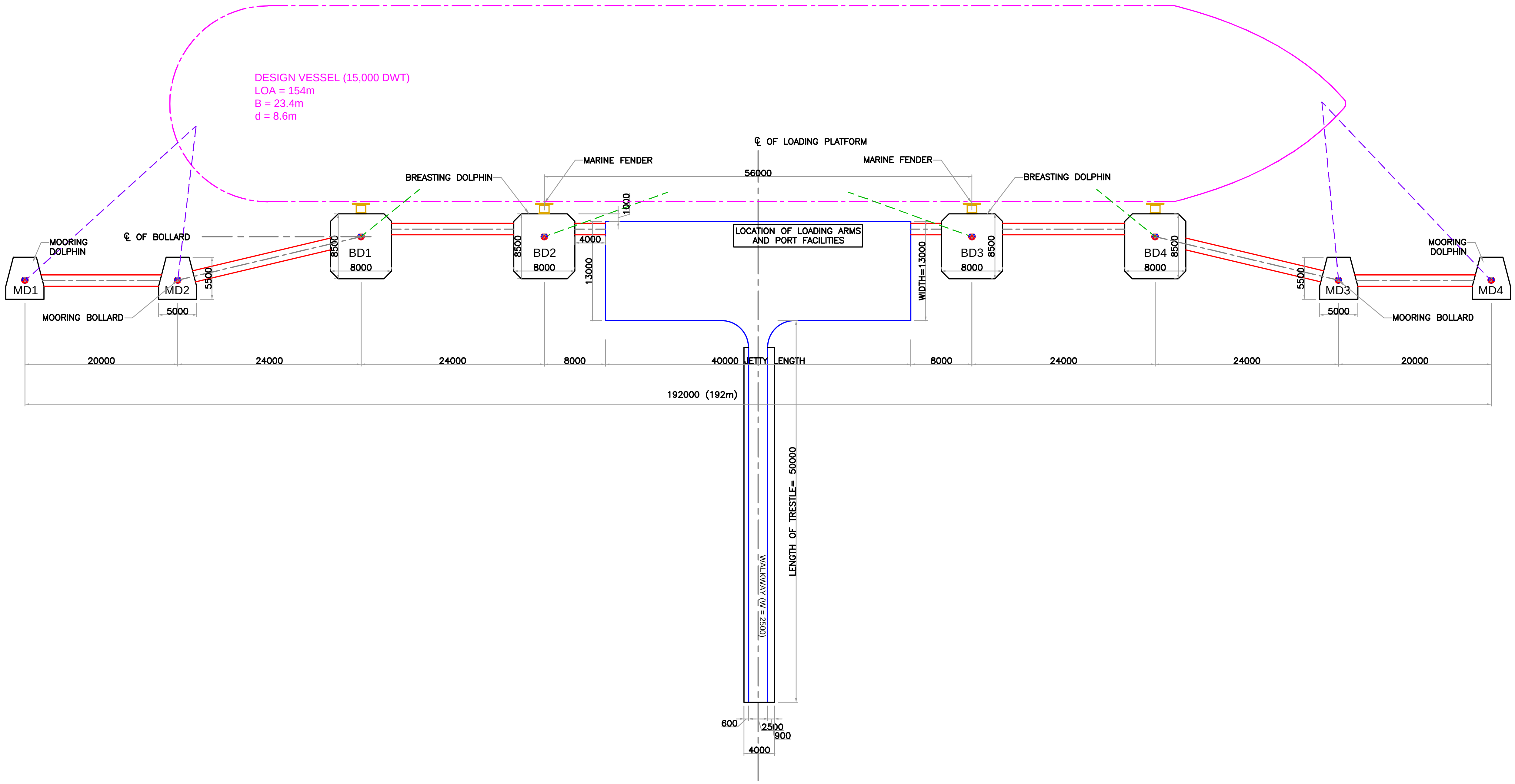
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

JETTY LOCATION ON GOOGEL EARTH (SHEET 2 OF 2)

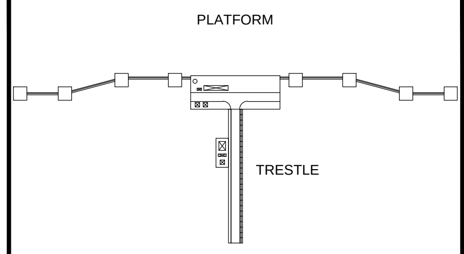
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CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	



OVERALL PLOT PLAN OF OIL TERMINAL

SCALE 1:600 (A3)

KEY PLAN



NOTES

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REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

OWNER

MON PETROL

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PROJECT NAME AND LOCATION

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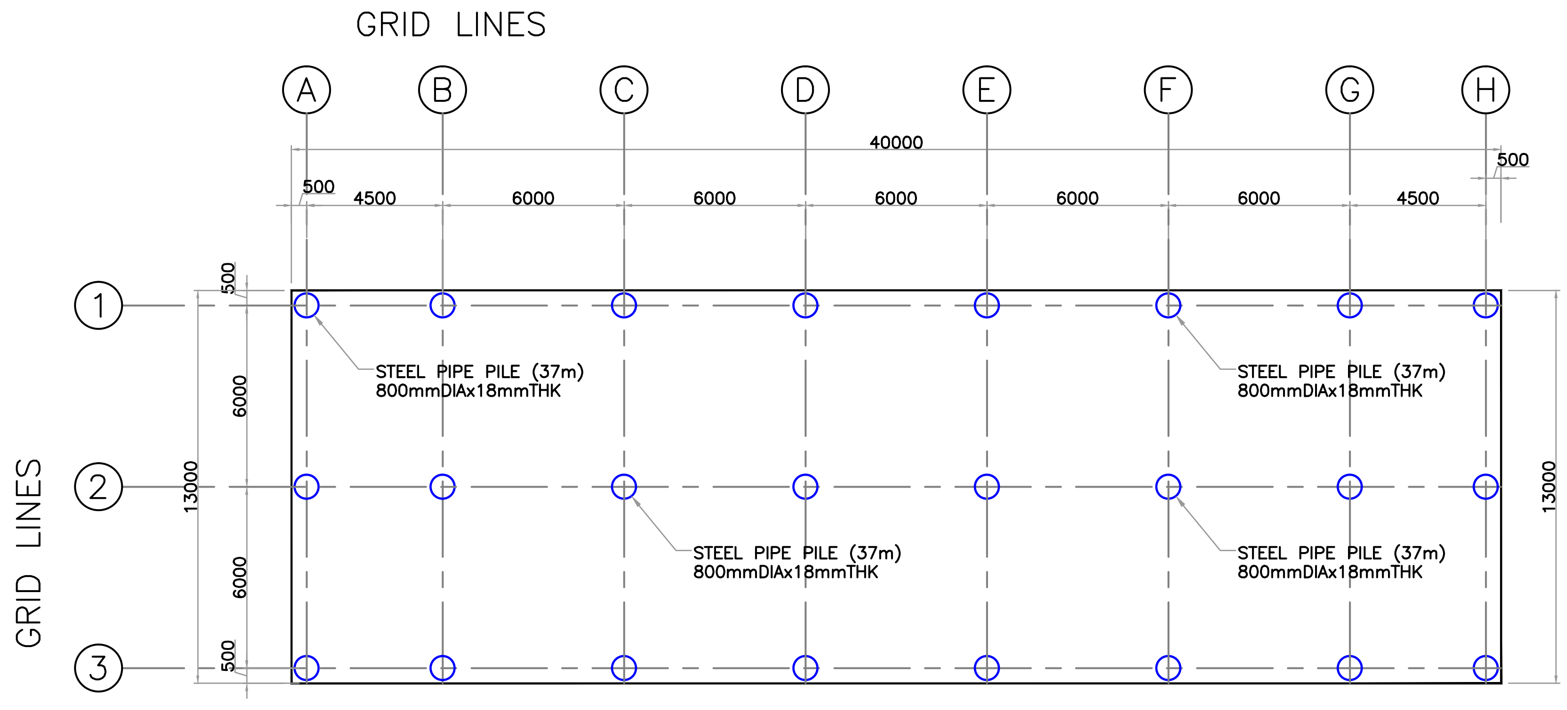
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

OVERALL PLOT PLAN OF OIL TERMINAL

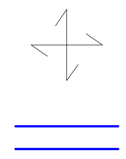
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DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-003.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	



PILING LAYOUT OF PLATFORM

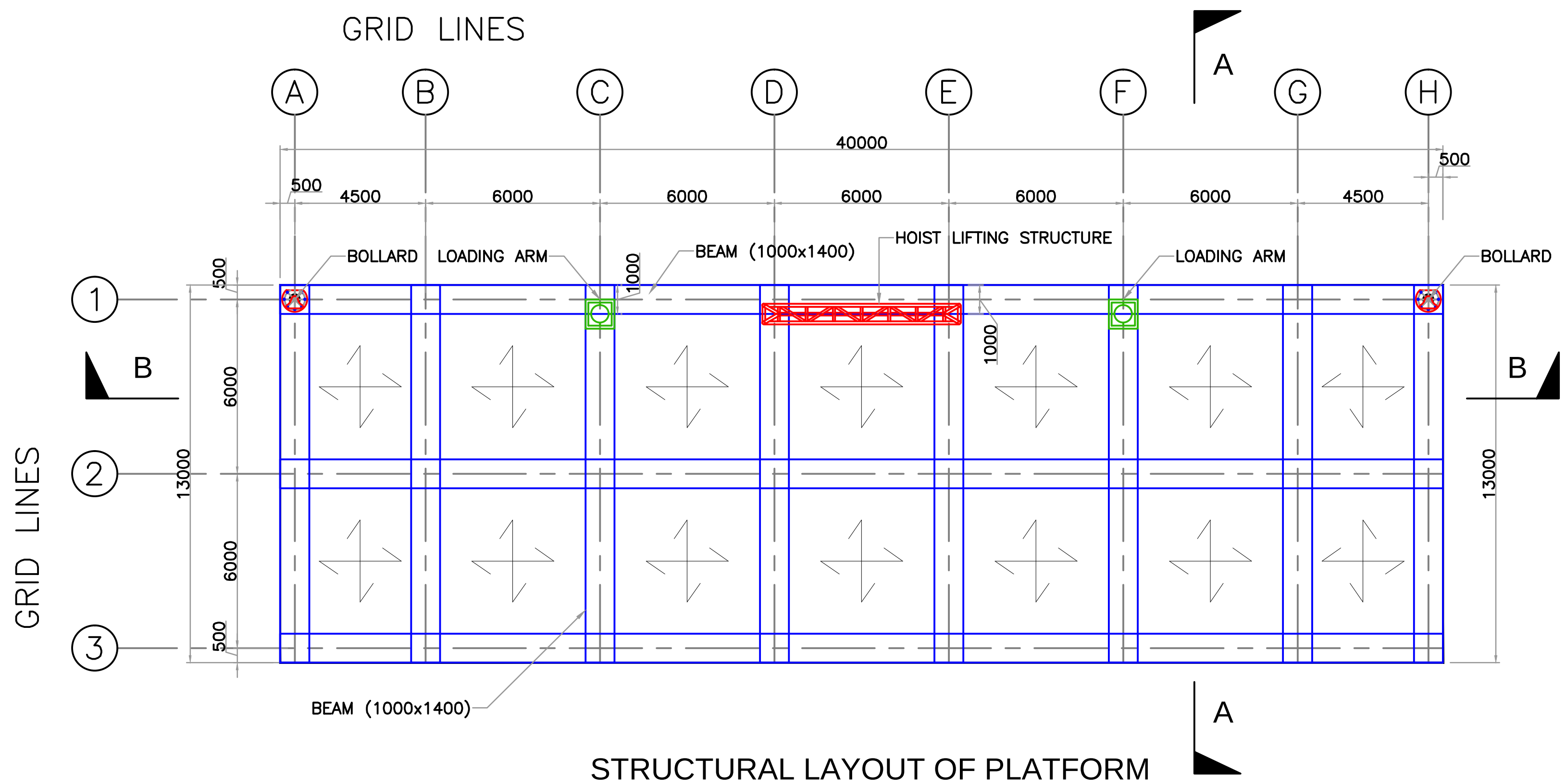
SCALE 1:250 (A3)

LEGEND



TWO WAY SLAB

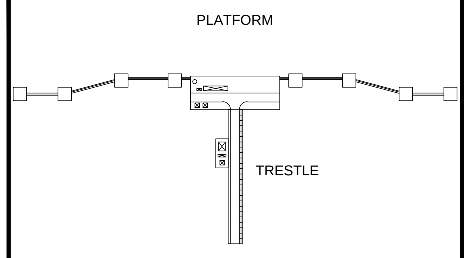
ALL BEAMS
(1000mm x 1400mm)



STRUCTURAL LAYOUT OF PLATFORM

SCALE 1:250 (A3)

KEY PLAN



NOTES

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REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

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PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

PROJECT DESCRIPTION

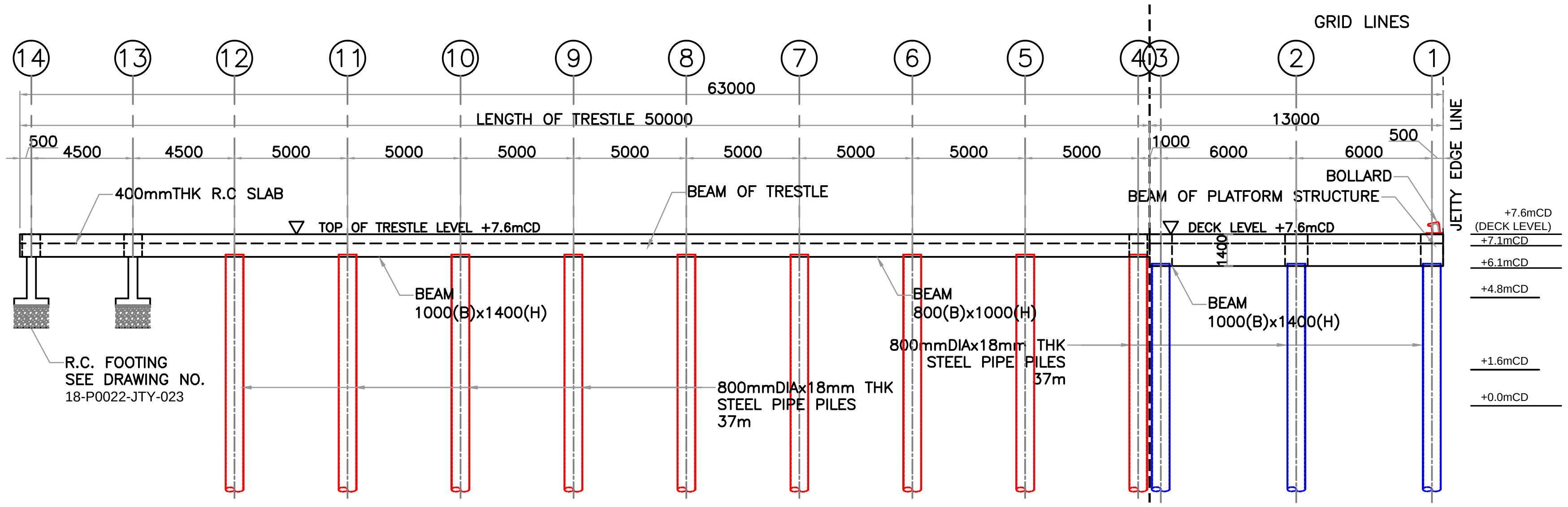
PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

PILING PLAN AND STRUCTURAL LAYOUT OF OIL TERMINAL

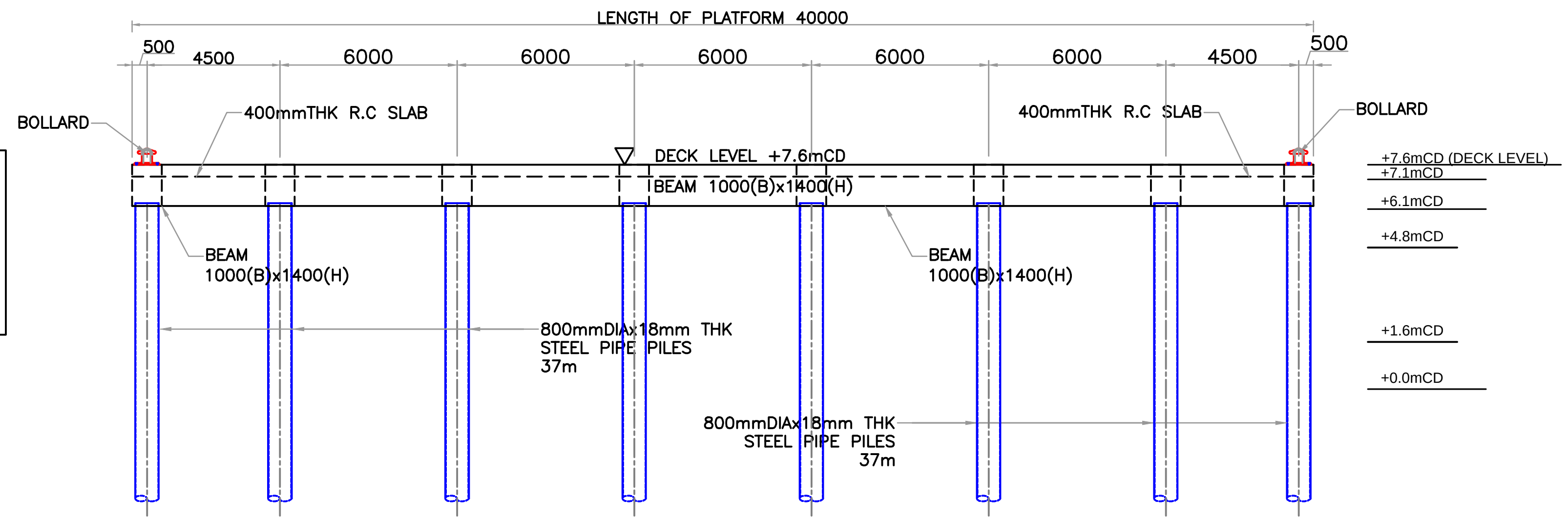
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DRAWN:	AG	DIGITAL FILE NAME:	
CHECKED:	UST	18-P0022-JTY-004.dwg	
APPROVED:	UST	SHEET : 1 OF : 1	

TABLE: SHOWING TIDAL RANGE (BY SURVEYOR)		
HIGHEST HIGH WATER LEVEL	HHWL	+6.28m CD
MEAN WATER LEVEL	MWL	+3.445m CD
LOWEST LOW WATER LEVEL	LLWL	+0.61m CD
CHART DATUM LEVEL	CDL	+0.00m CD



SIDE ELEVATION OF PLATFORM

SCALE 1:250 (A3)

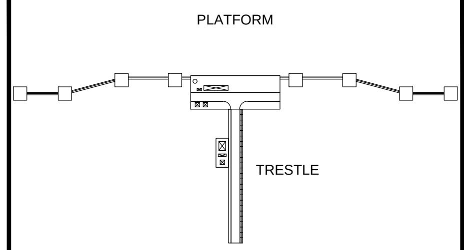


NOTES:
1. STEEL PIPE PILE (800mmDIA)
CUT–OFF LEVEL AT PLATFORM = +6.3m CD
2. STEEL PIPE PILE (800mmDIA)
CUT–OFF LEVEL AT TRESTLE = +6.7m CD

FRONT ELEVATION OF PLATFORM

SCALE 1:250 (A3)

KEY PLAN



NOTES
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REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

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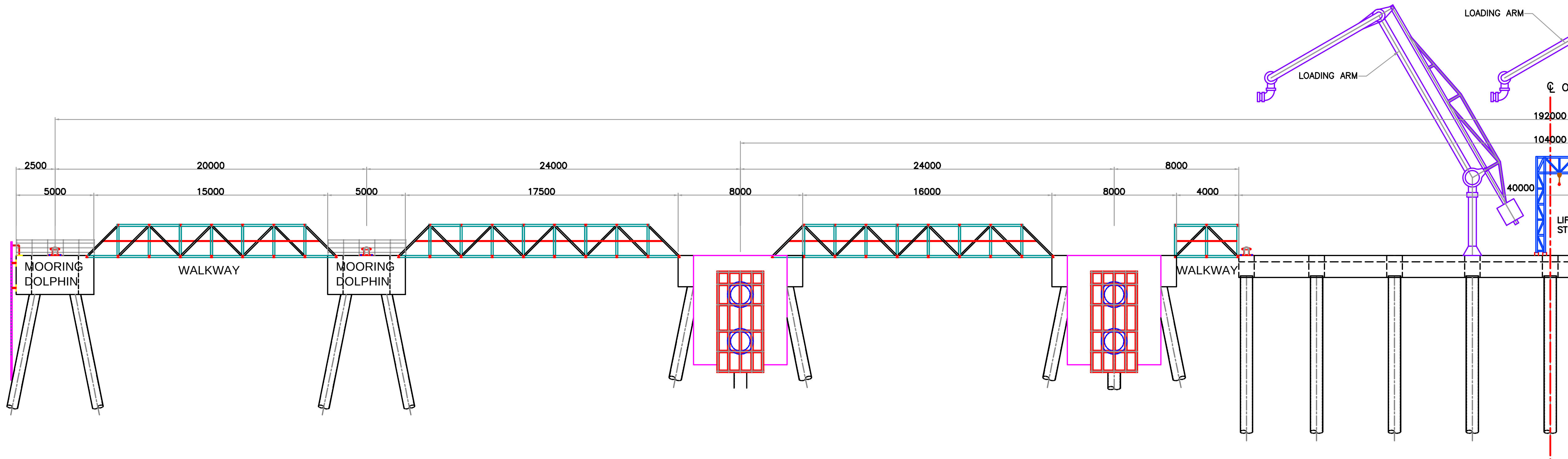
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

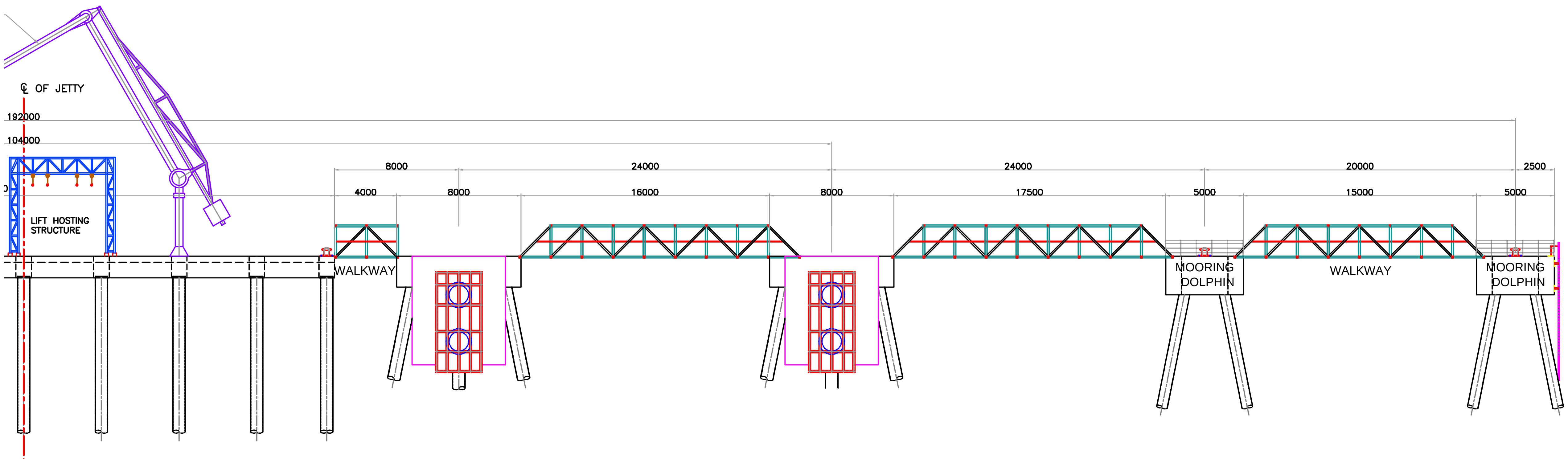
SIDE ELEVATION AND FRONT ELEVATION OF PLATFORM

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:250 (A3)	DRAWING NO: 18-P0022-JTY-005	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-005.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	



TOTAL FRONT ELEVATION OF THE WHOLE JETTY

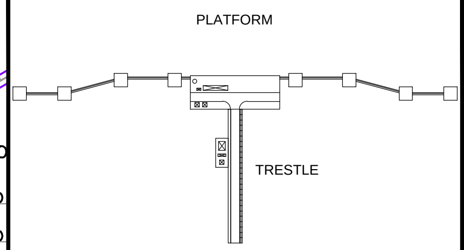
SCALE 1:300 (A3)



TOTAL FRONT ELEVATION OF THE WHOLE JETTY

SCALE 1:300 (A3)

KEY PLAN



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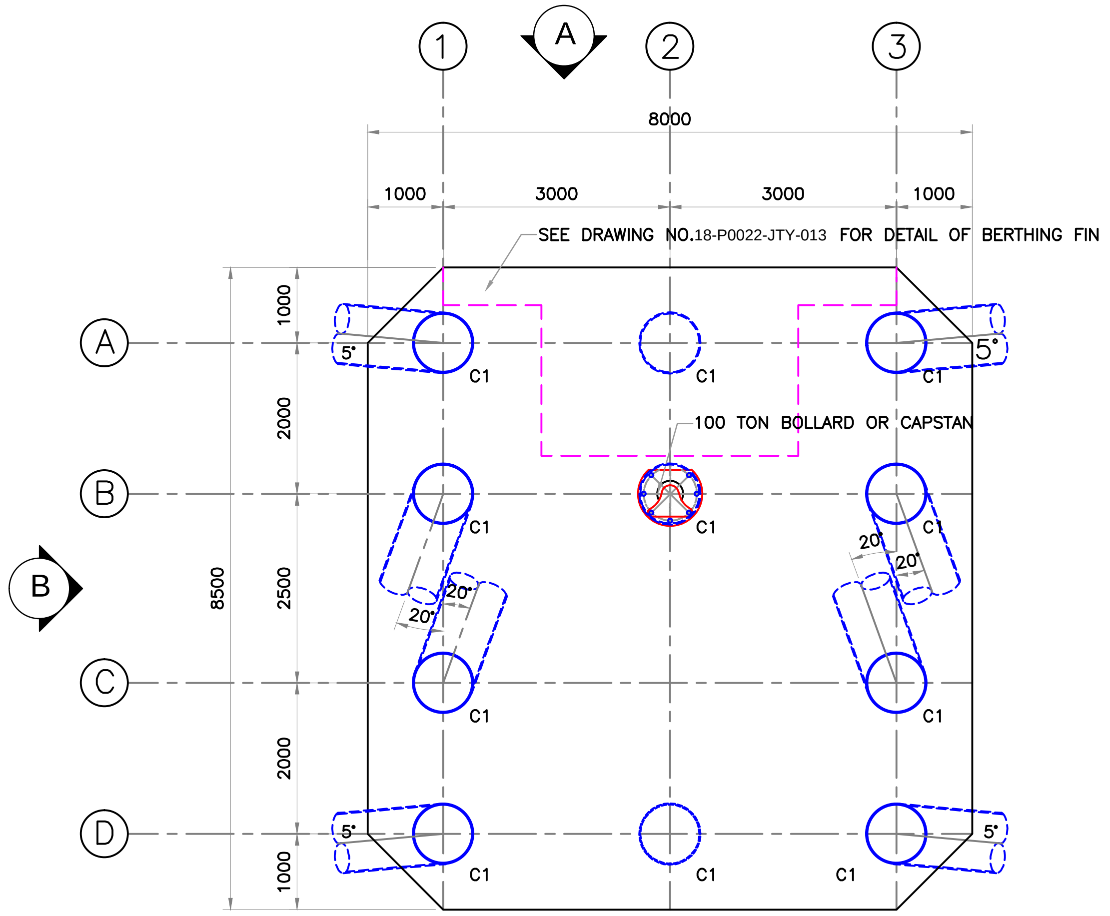
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

TOTAL FRONT ELEVATION OF THE WHOLE JETTY

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:300 (A3)	DRAWING NO: 18-P0022-JTY-005A	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME:	
CHECKED:	UST	18-P0022-JTY-005A.dwg	
APPROVED:	UST	SHEET : 1 OF : 1	

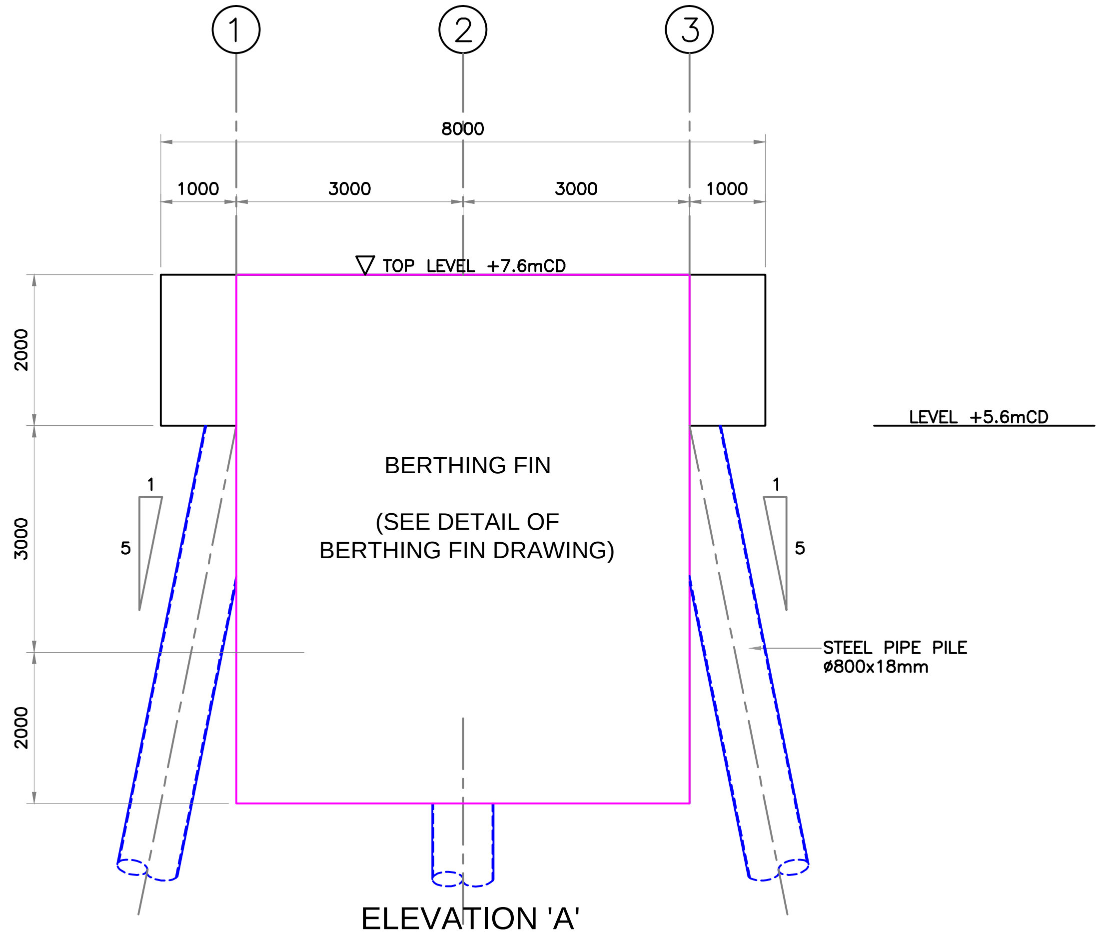


PILING PLAN OF BREASTING DOLPHIN

LEGEND:

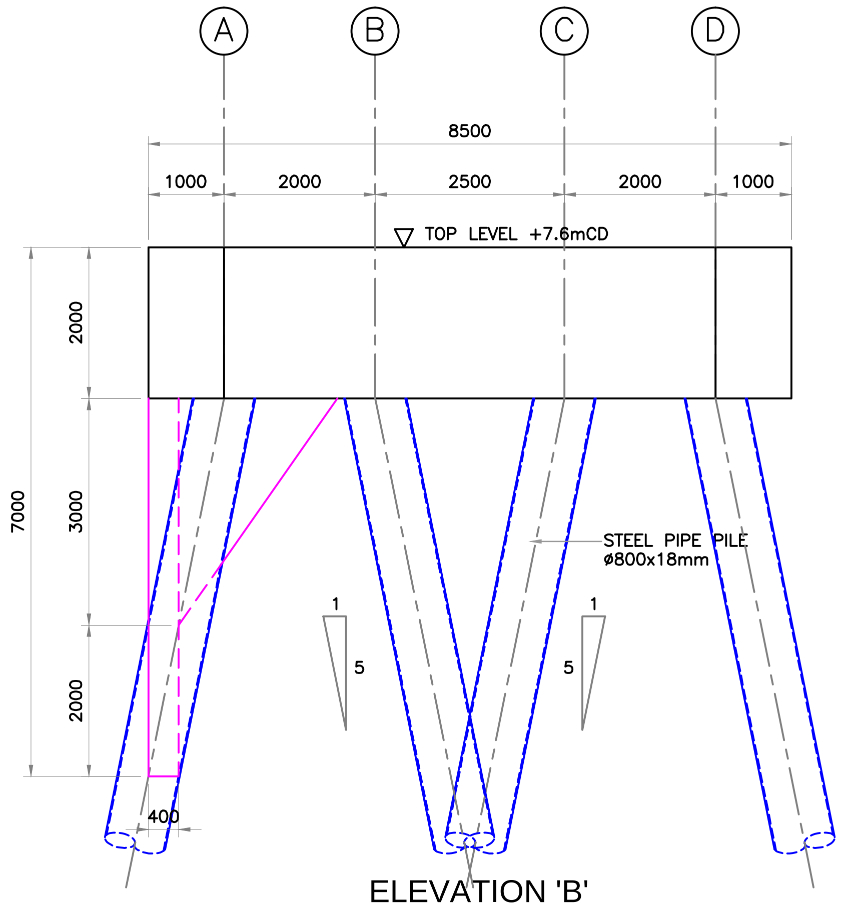
C1 — STEEL PIPE PILE ø800x18mm, DIA800x18 THK
APPROPRIATE LENGTH= 40m

C1 — STEEL PIPE PILE ø800x18mm, DIA800x18 THK
APPROPRIATE LENGTH= 40m
INCLINATION (H:V) = 1:5
ROTATION= 5° AND 20°
HORIZONTAL ROTATION AS SHOWN IN THE DRAWING.



ELEVATION 'A'

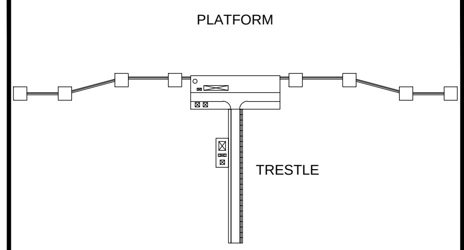
SCALE 1:100 (A3)



ELEVATION 'B'

SCALE 1:100 (A3)

KEY PLAN



NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
2. ALL LEVELS ARE METERS MEASURED FROM CHART DATUM (CD).

REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

OWNER

MON PETROL COMPANY LIMITED
No. (50), Sayarsan Road, Bahan Township, Yangon.
Email: info@monpetrol.com

DESIGN

U SOE THEIN
PROFESSIONAL ENGINEER
ACPE

CONSTRUCTION CONTRACTOR

PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

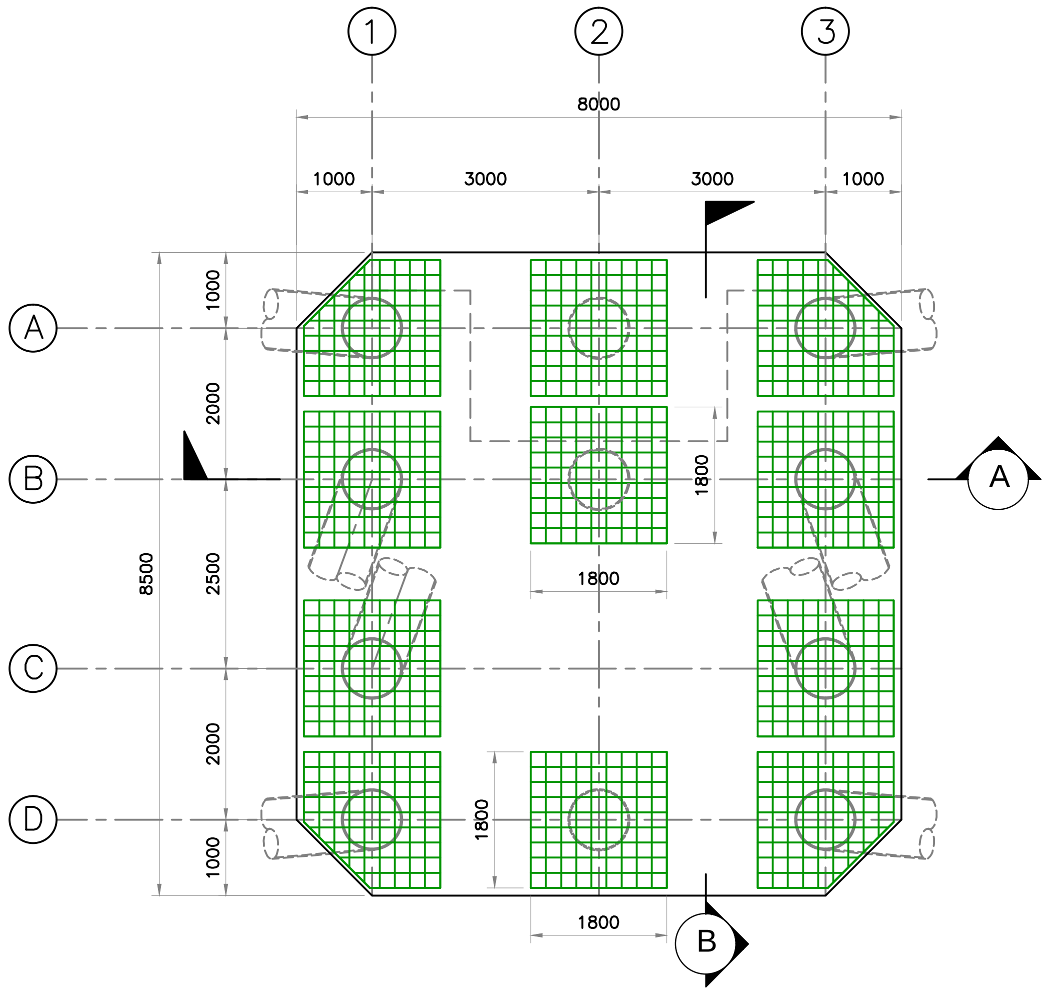
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

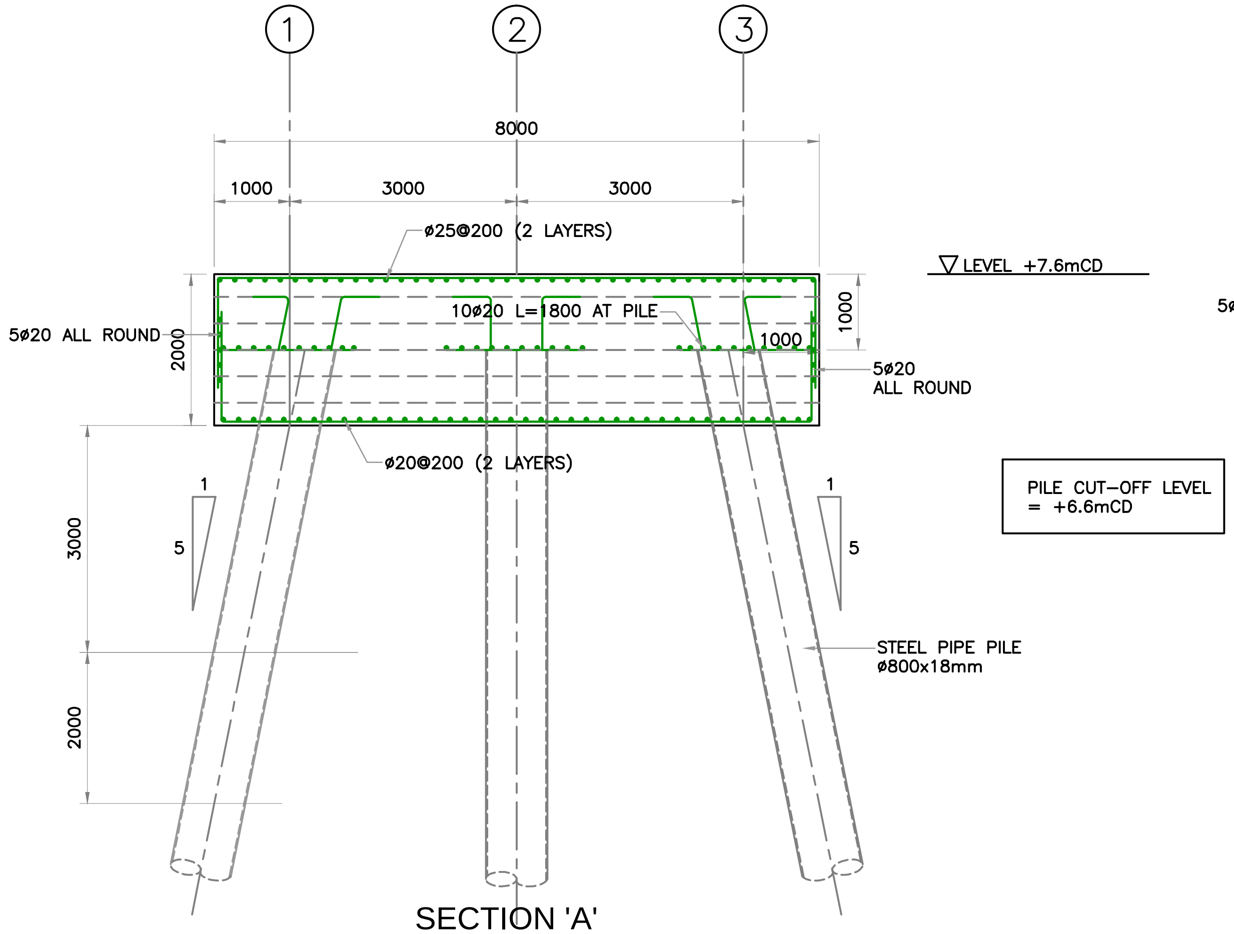
DRAWING TITLE

PLAN AND ELEVATION OF BREASTING DOLPHIN

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:100 (A3)	DRAWING NO: 18-P0022-JTY-006	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME:	
CHECKED:	UST	18-P0022-JTY-006.dwg	
APPROVED:	UST	SHEET : OF :	1/1

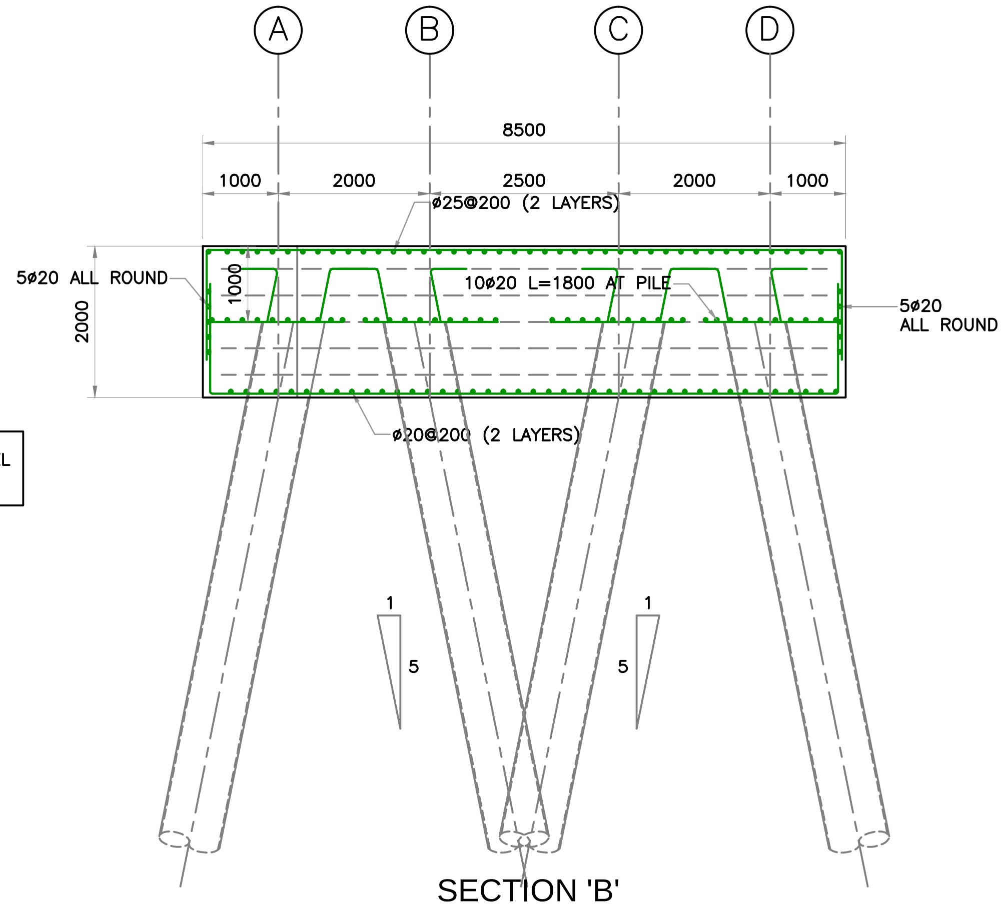


REINFORCEMENT DETAIL OF BREASTING DOLPHIN



SECTION 'A'

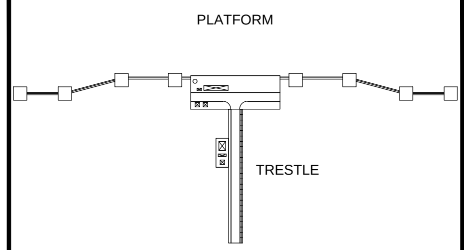
SCALE 1:100 (A3)



SECTION 'B'

SCALE 1:100 (A3)

KEY PLAN



NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
2. ALL LEVELS ARE METERS MEASURED FROM CHART DATUM (CD).

REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

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PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

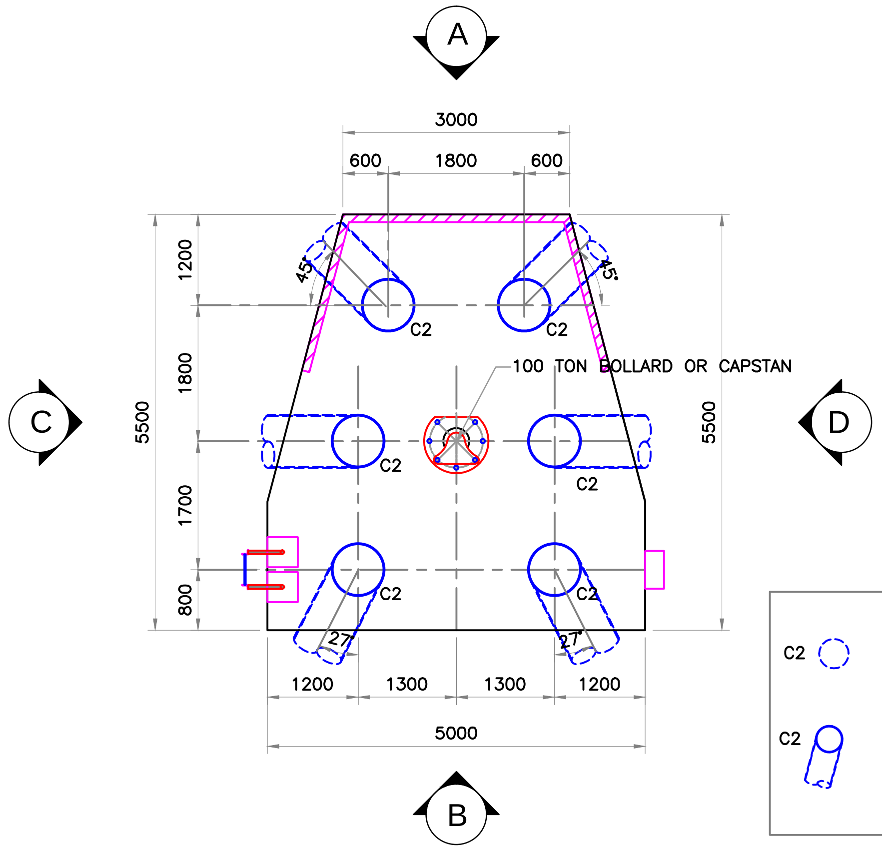
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

REINFORCEMENT DETAIL OF BREASTING DOLPHIN

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:100 (A3)	DRAWING NO: 18-P0022-JTY-007	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME:	
CHECKED:	UST	18-P0022-JTY-007.dwg	
APPROVED:	UST	SHEET : 1 OF : 1	

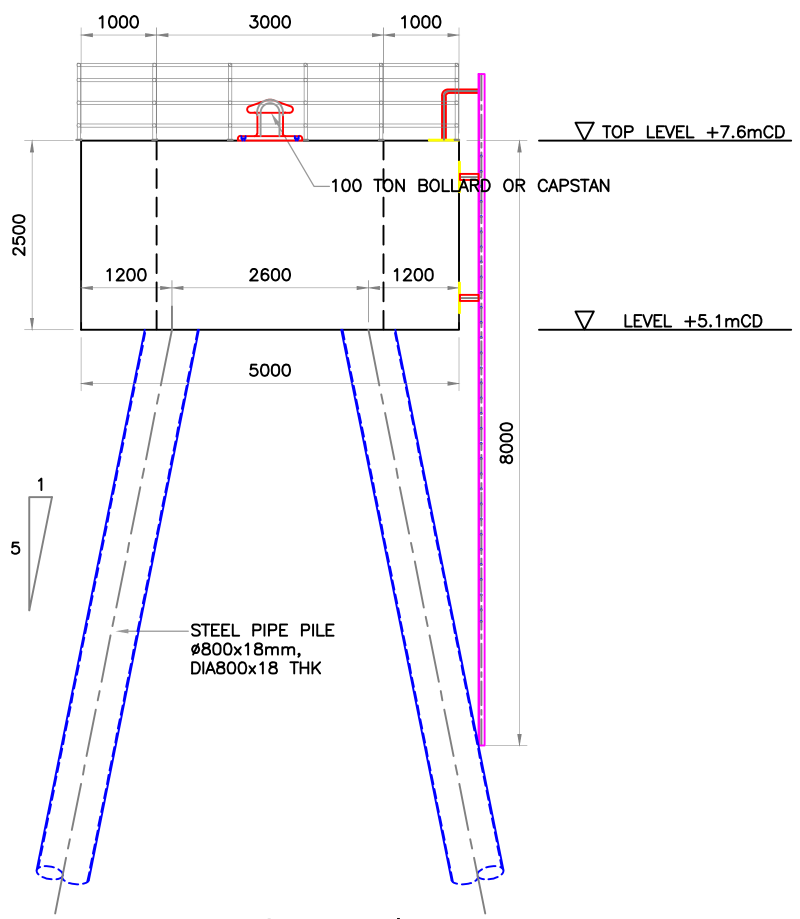


PILING PLAN OF MOORING DOLPHIN

LEGEND:

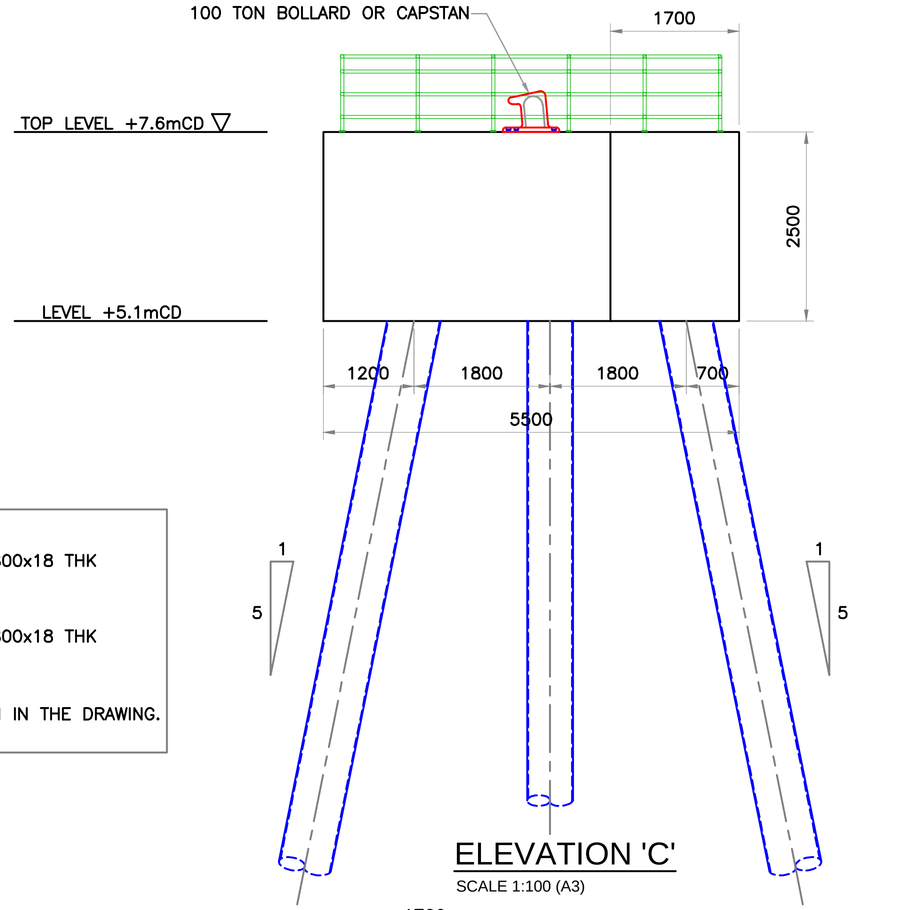
C2 — STEEL PIPE PILE ø800x18mm, DIA800x18 THK
APPROPRIATE LENGTH= 40m

C2 — STEEL PIPE PILE ø800x18mm, DIA800x18 THK
APPROPRIATE LENGTH= 40m
INCLINATION (H:V)=1:5
ROTATION= 27° AND 45°
HORIZONTAL INCLINATION AS SHOWN IN THE DRAWING.



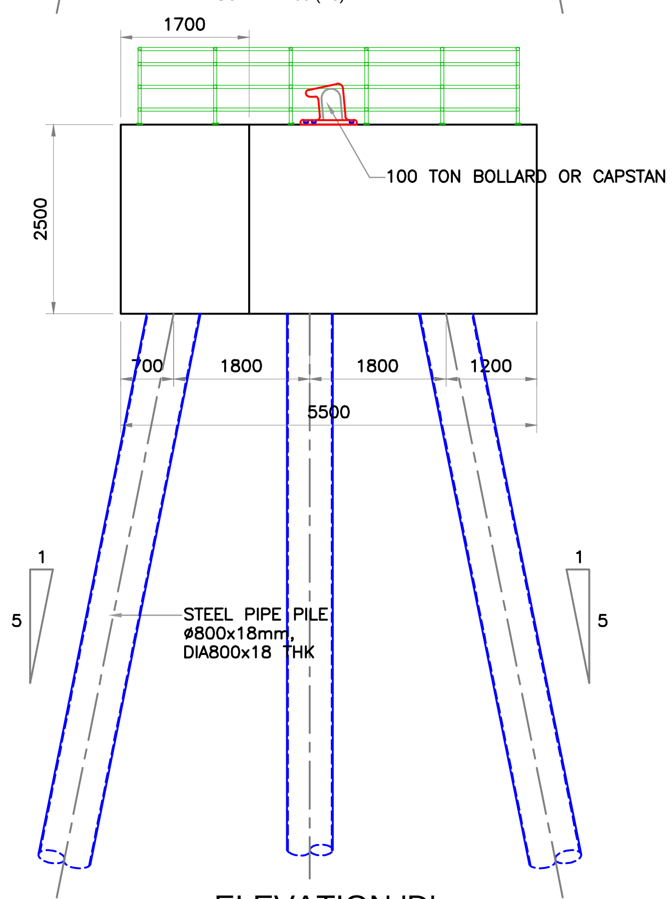
ELEVATION 'B and A'

SCALE 1:100 (A3)



ELEVATION 'C'

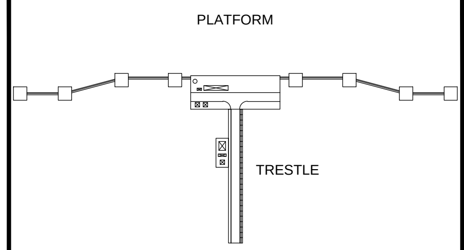
SCALE 1:100 (A3)



ELEVATION 'D'

SCALE 1:100 (A3)

KEY PLAN



NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
2. ALL LEVELS ARE METERS MEASURED FROM CHART DATUM (CD).

REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

OWNER

MON PETROL COMPANY LIMITED
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ACPE

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PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

PROJECT DESCRIPTION

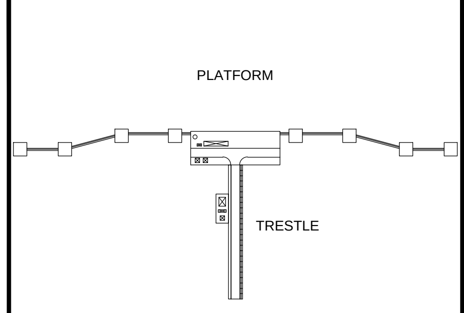
PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

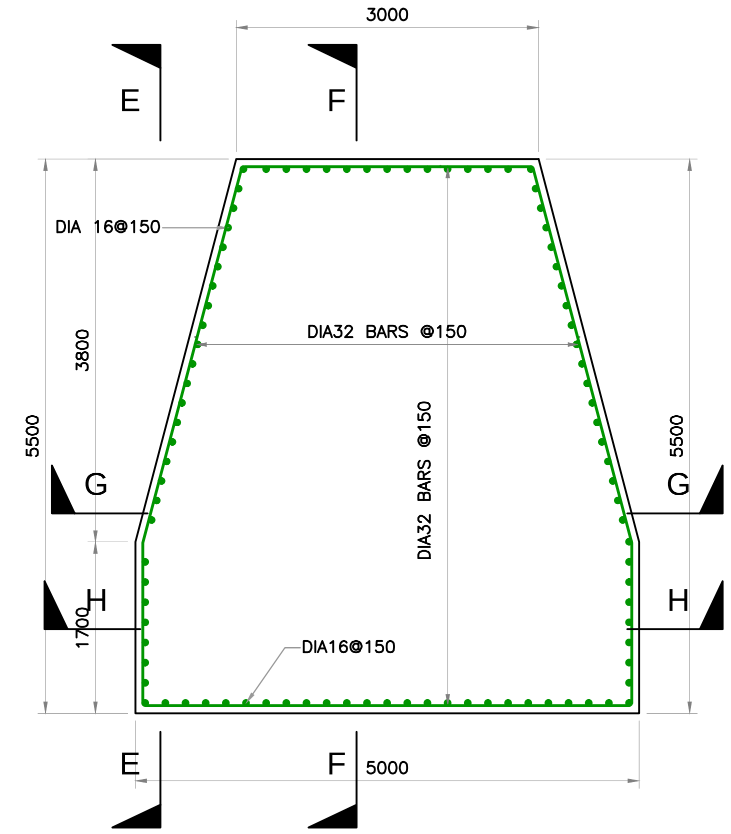
DRAWING TITLE

PLAN AND ELEVATION OF MOORING DOLPHIN

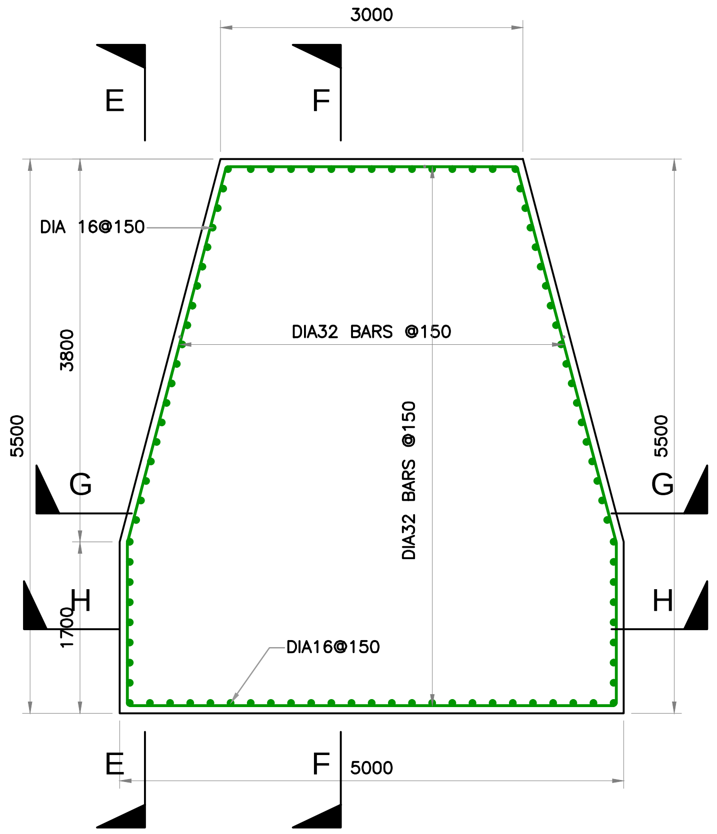
DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:100 (A3)	DRAWING NO: 18-P0022-JTY-008	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-008.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	

KEY PLAN





REINFORCEMENT PLAN: TOP OF MOORING DOLPHIN



REINFORCEMENT PLAN: BOTTOM OF MOORING DOLPHIN

REINFORCEMENT PLAN OF MOORING DOLPHIN

SCALE 1:75 (A3)

NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
2. ALL LEVELS ARE METERS MEASURED FROM CHART DATUM (CD).
3. ALL CLEAR COVER SHALL BE 75mm.

REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

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ACPE

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PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

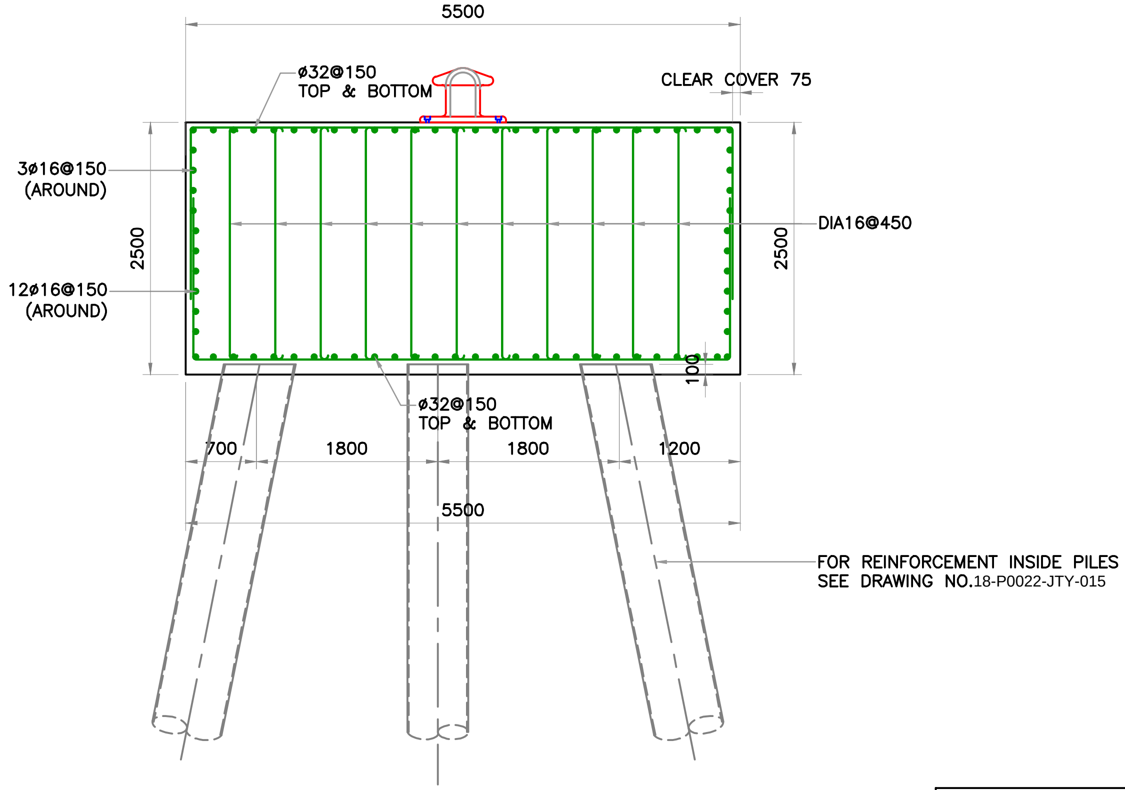
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

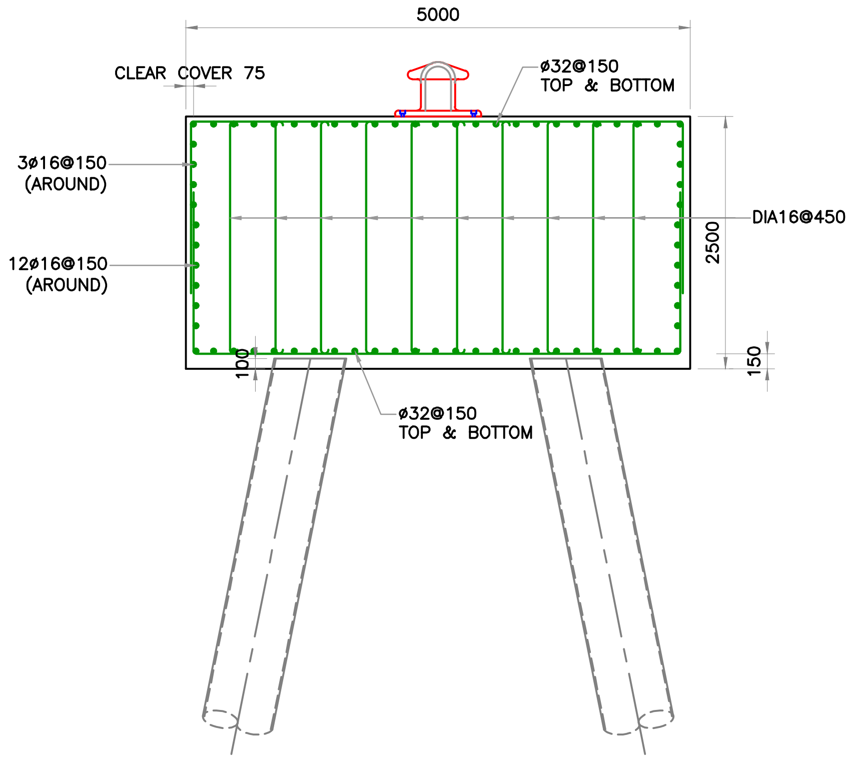
REINFORCEMENT PLAN OF MOORING DOLPHIN

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:75 (A3)	DRAWING NO: 18-P0022-JTY-009	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-009.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : OF :	1 / 1

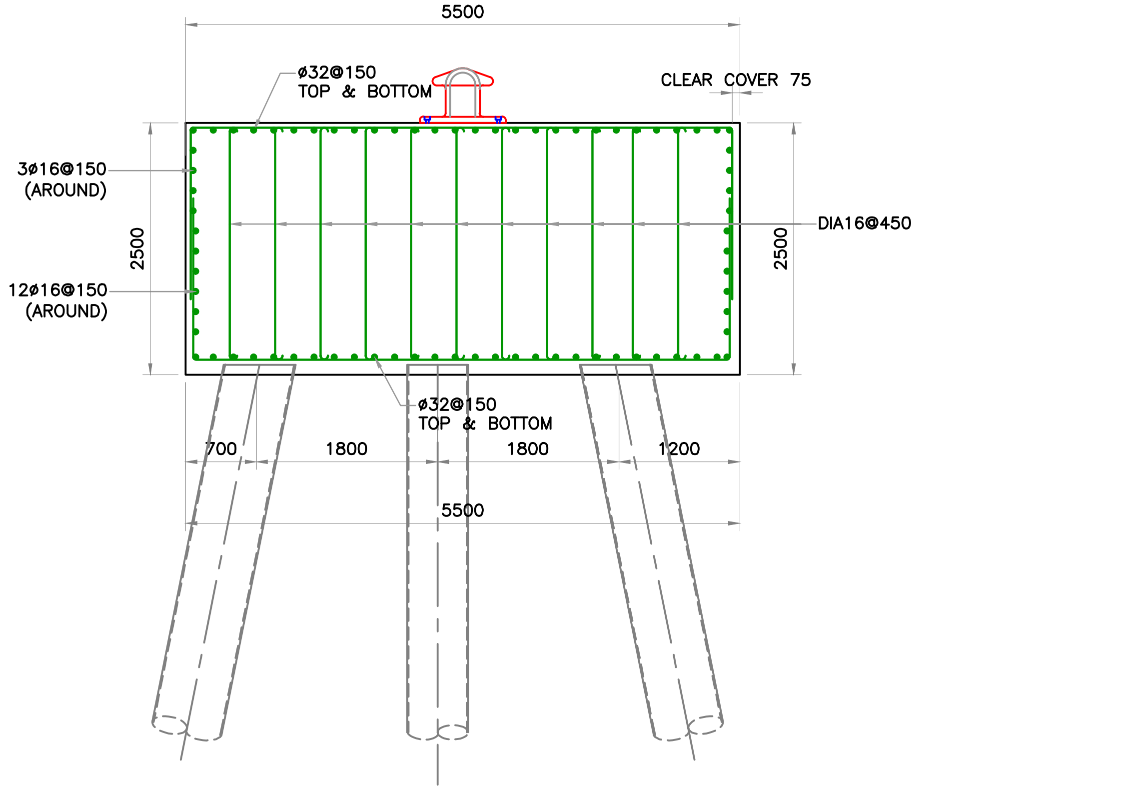


SECTION 'E'
SCALE 1:75 (A3)

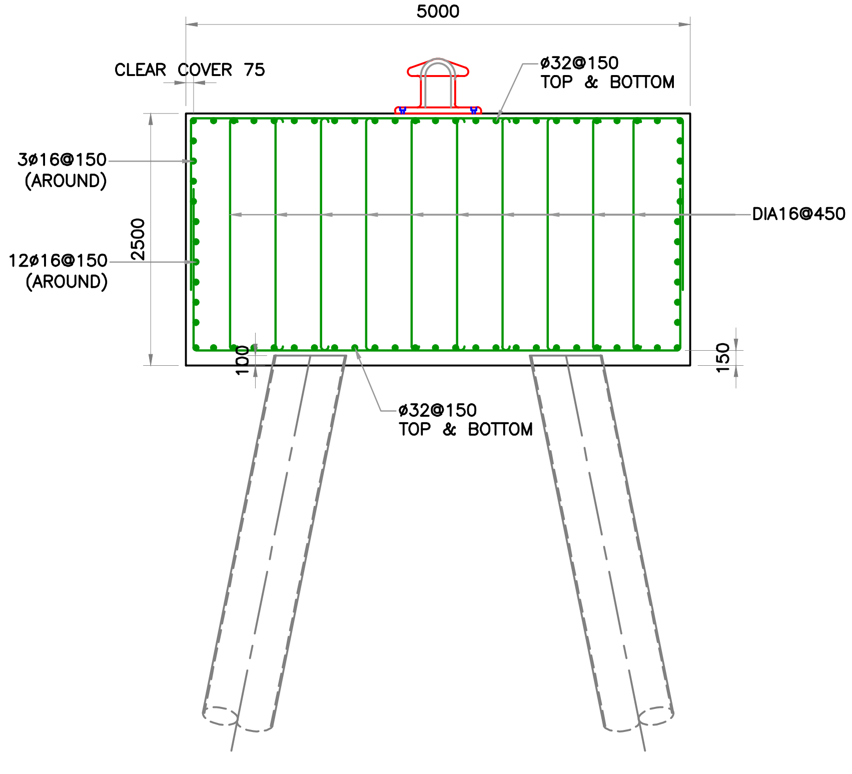
PILE CUT–OFF LEVEL
= +5.9mCD



SECTION 'G'
SCALE 1:75 (A3)



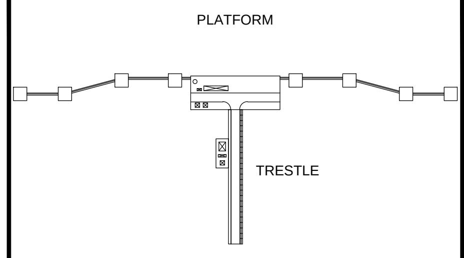
SECTION 'F'
SCALE 1:75 (A3)



SECTION 'B'
SCALE 1:75 (A3)

REINFORCEMENT DETAIL OF MOORING DOLPHIN

KEY PLAN



NOTES
1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
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REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

OWNER

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PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

PROJECT DESCRIPTION

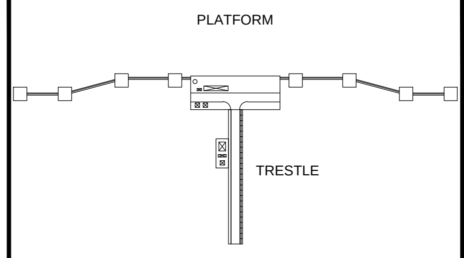
PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

REINFORCEMENT DETAIL OF MOORING DOLPHIN

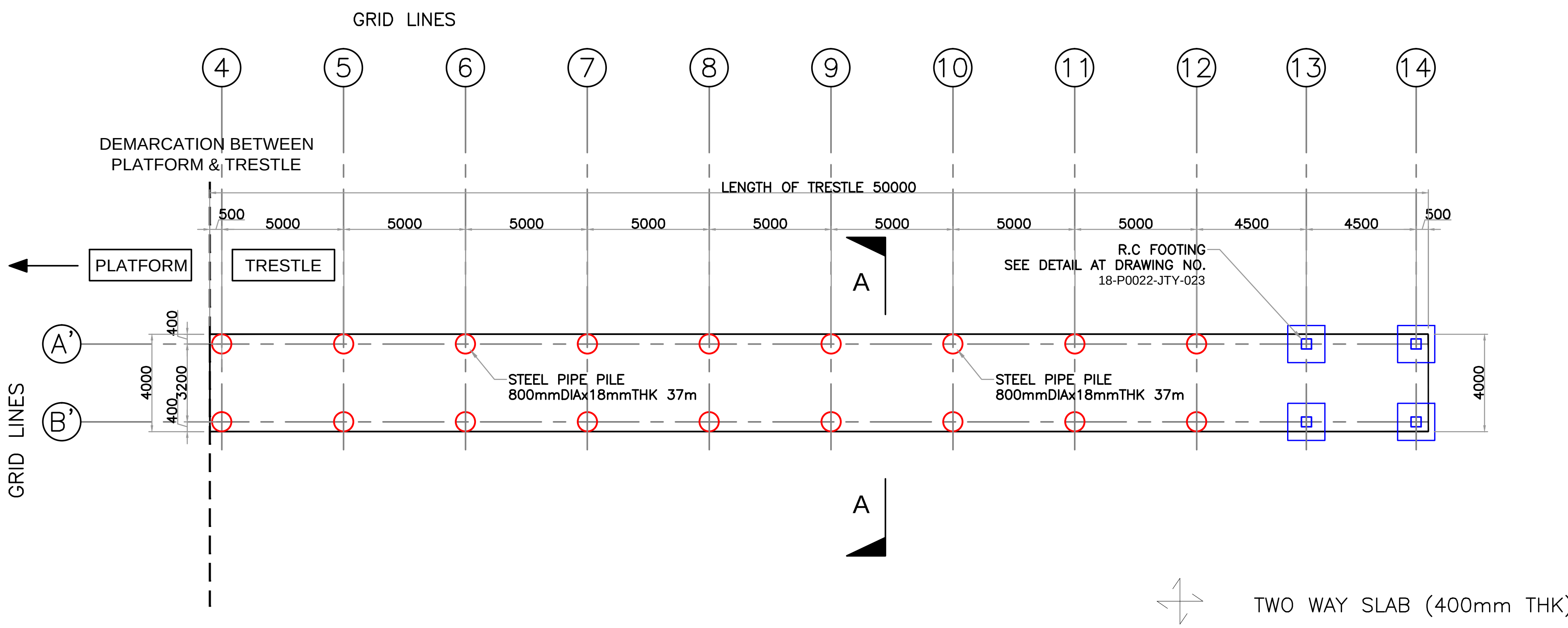
DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:75 (A3)	DRAWING NO: 18-P0022-JTY-010	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-010.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : OF :	1 / 1

KEY PLAN



NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
2. ALL LEVELS ARE METERS MEASURED FROM CHART DATUM (CD).



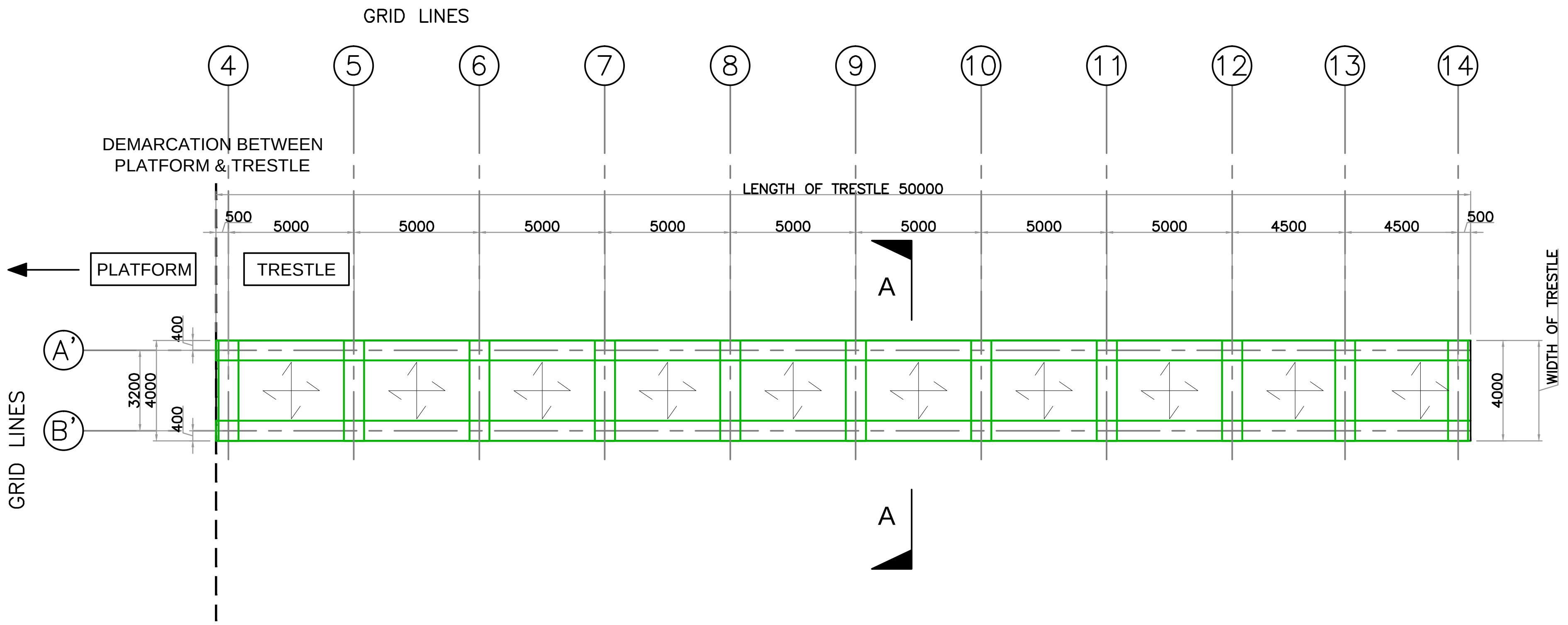
PILING PLAN OF TRESTLE

SCALE 1:250 (A3)

TWO WAY SLAB (400mm THK)

ONE WAY SLAB (400mm THK)

ALL BEAMS (800mmx1000mm)



STRUCTURAL PLAN OF TRESTLE

SCALE 1:250 (A3)

REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

OWNER

MON PETROL

MON PETROL COMPANY LIMITED
No. (50), Sayarsan Road, Bahan Township, Yangon.
Email: info@monpetrol.com

DESIGN

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PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

PROJECT DESCRIPTION

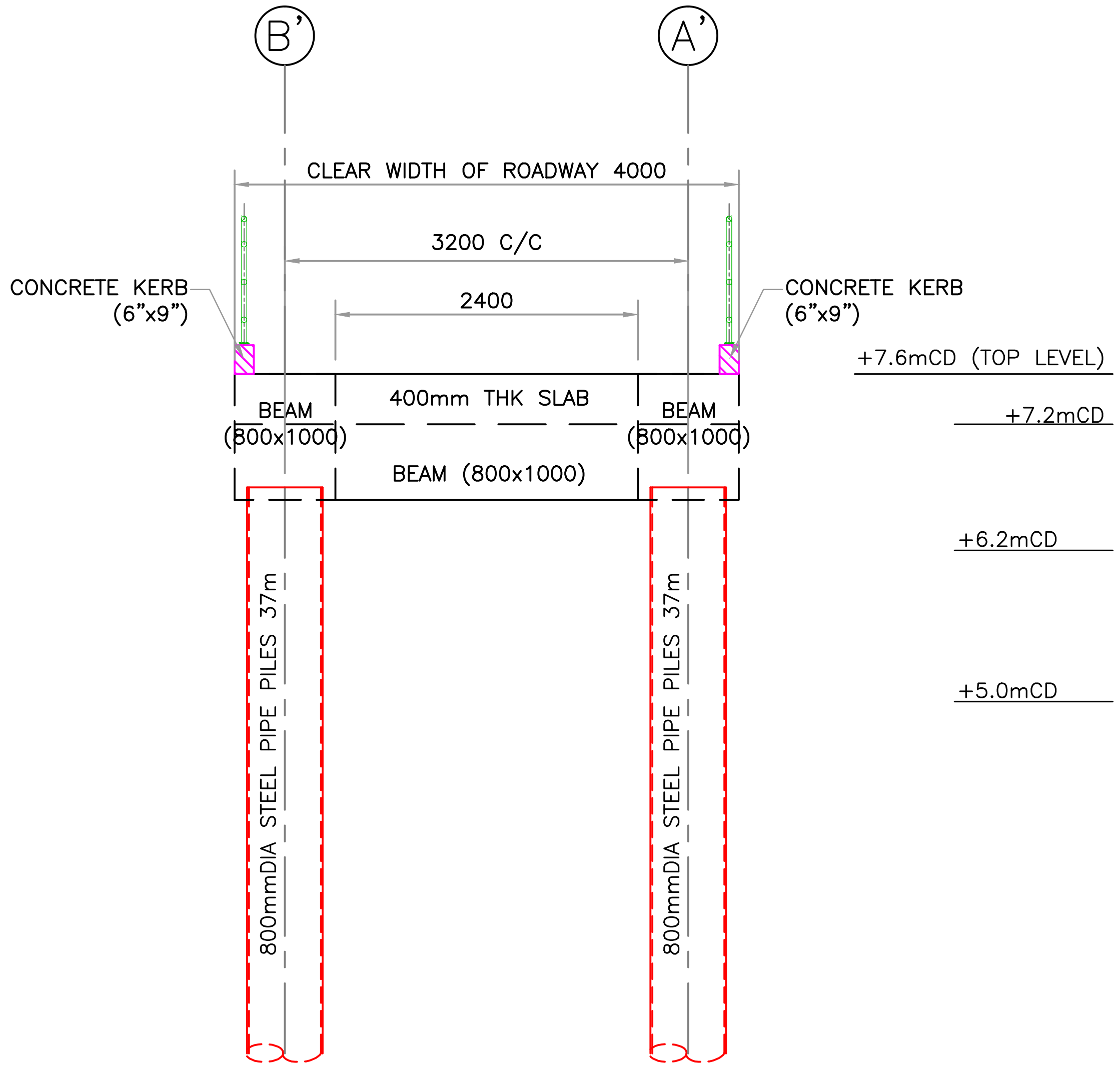
PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

PLAN AND SECTION OF TRESTLE (SHEET 1 OF 2)

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:250 (A3)	DRAWING NO: 18-P0022-JTY-011	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-011.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : OF :	1/2

TABLE: SHOWING TIDAL RANGE (BY SURVEYOR)		
HIGHEST HIGH WATER LEVEL	HHWL	+6.28m CD
MEAN WATER LEVEL	MWL	+3.445m CD
LOWEST LOW WATER LEVEL	LLWL	+0.61m CD
CHART DATUM LEVEL	CDL	+0.00m CD



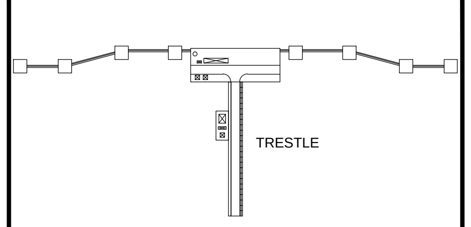
PILE CUT–OFF LEVEL
= +6.7mCD

PILE LENGTH AT TRESTLE= 37m

SECTION 'A-A' OF TRESTLE

SCALE 1:60 (A3)

KEY PLAN



NOTES

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REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

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PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

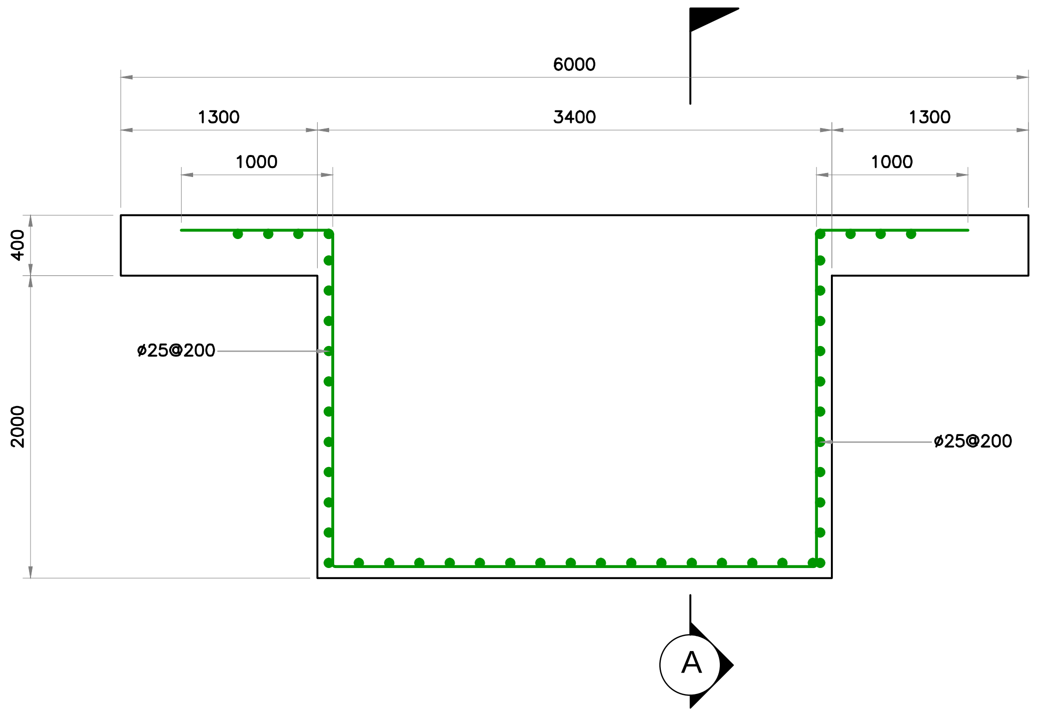
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

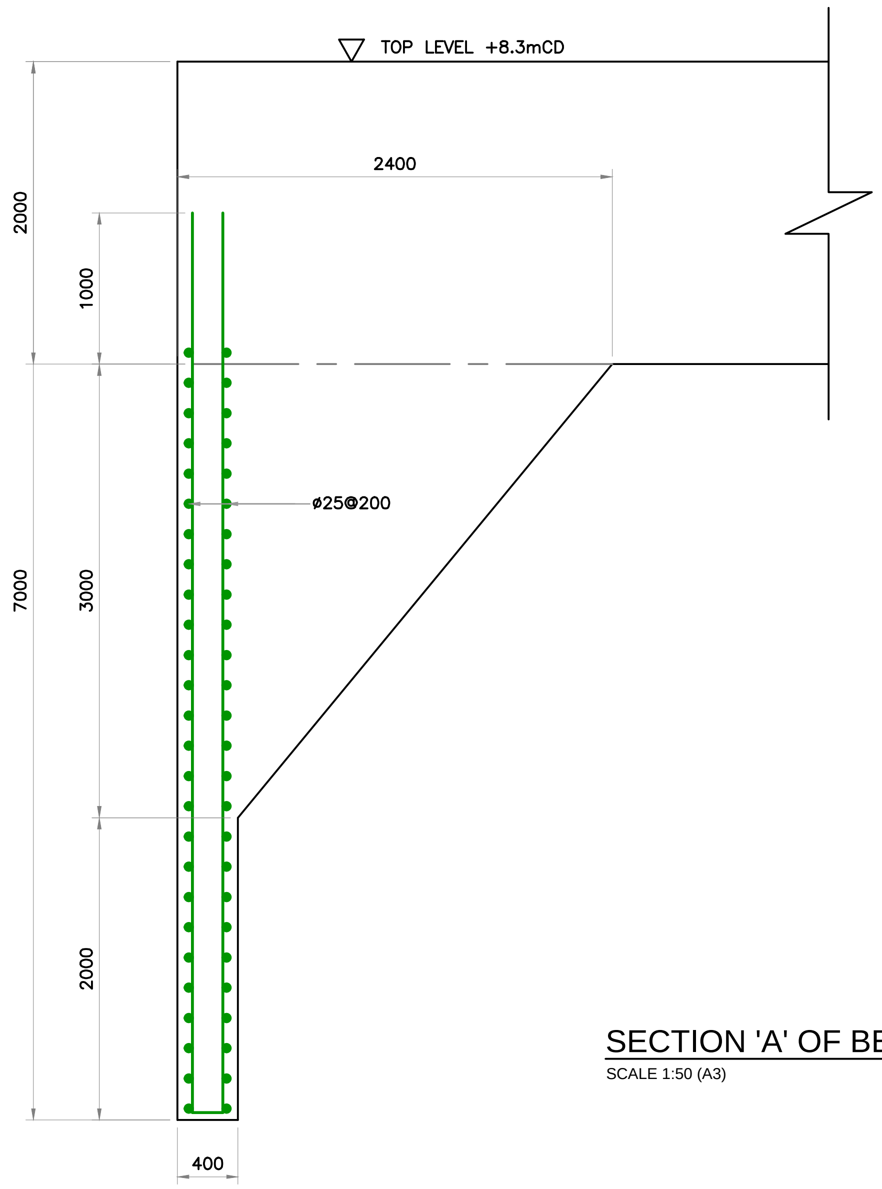
PLAN AND SECTION OF TRESTLE (SHEET 2 OF 2)

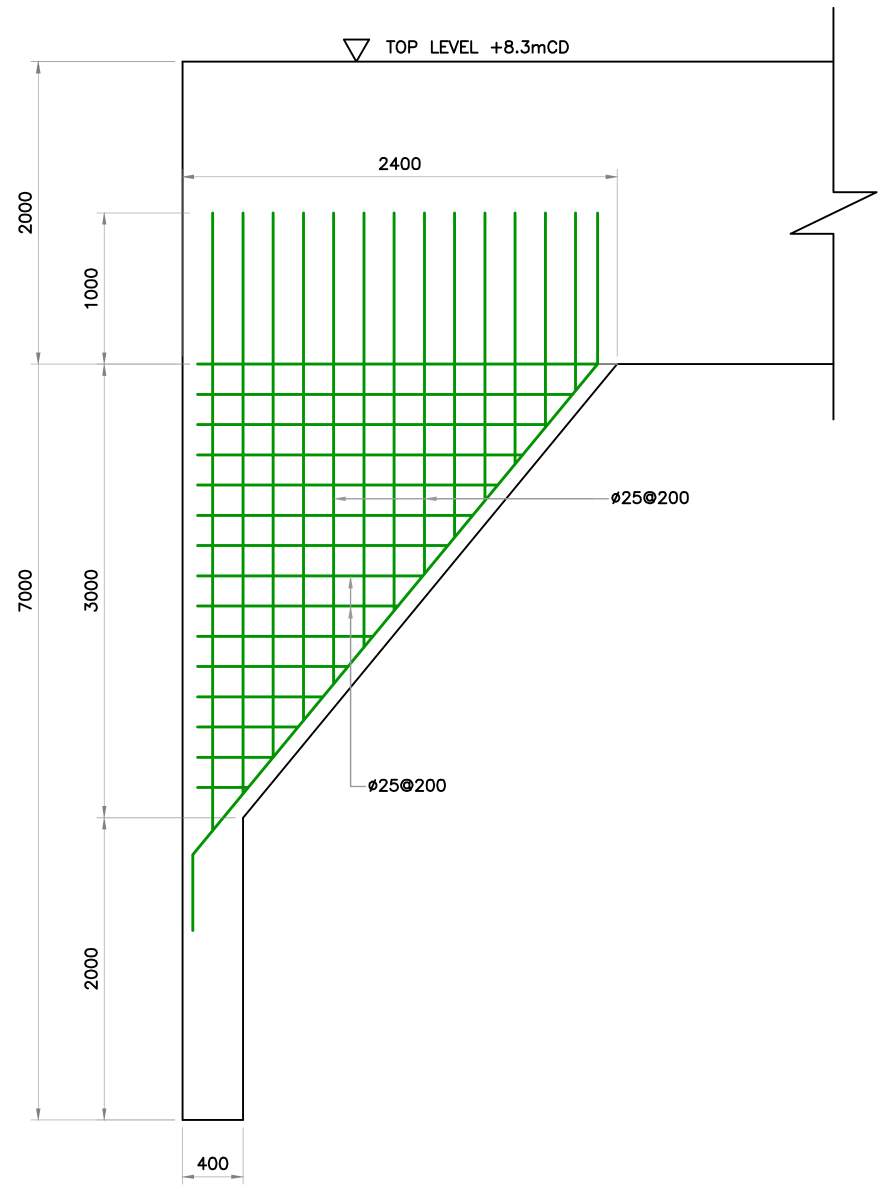
DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:60 (A3)	DRAWING NO: 18-P0022-JTY-012	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-012.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : OF :	2 2



BERTHING FIN DETAIL

SCALE 1:50 (A3)

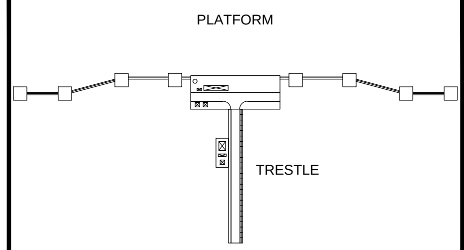




SECTION 'A' OF BERTHING FIN

SCALE 1:50 (A3)

KEY PLAN



NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
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REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

OWNER

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PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

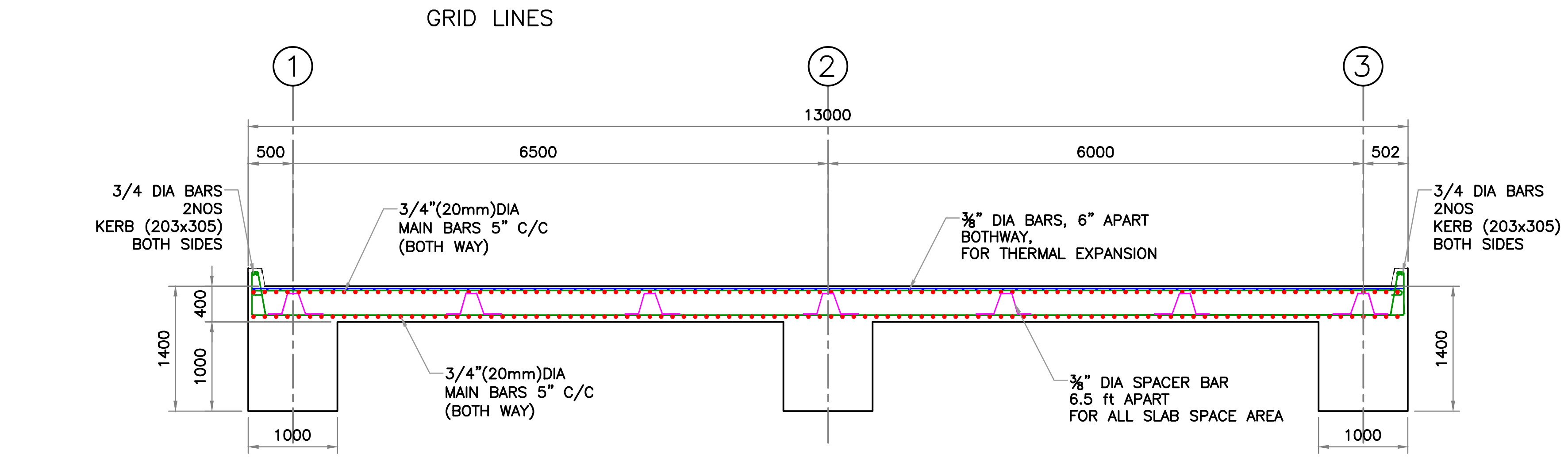
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

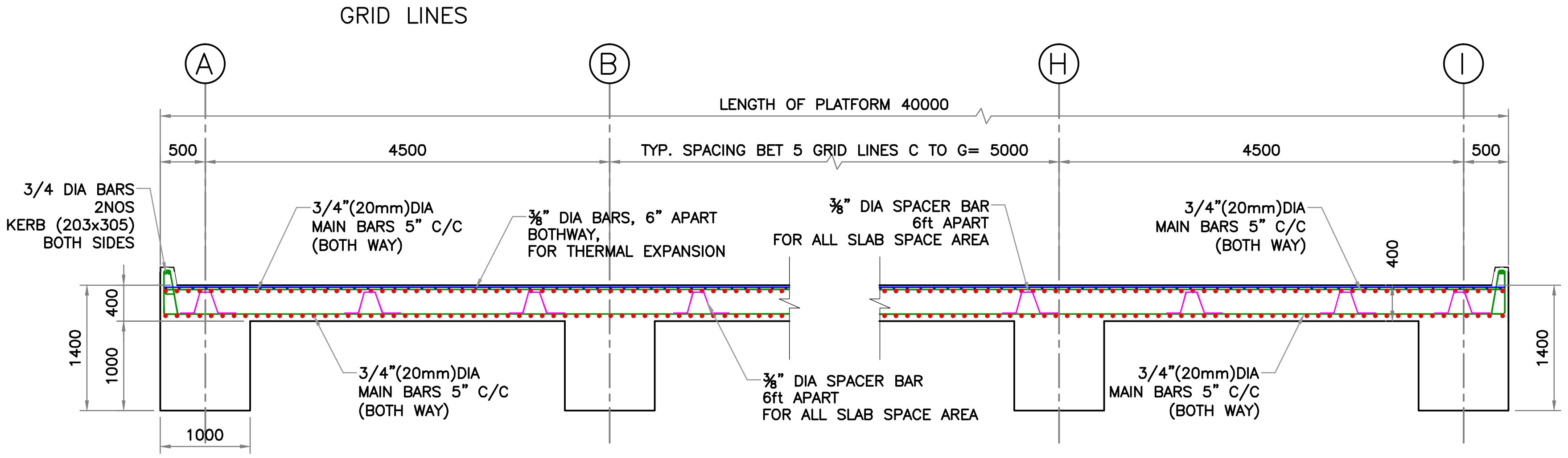
REINFORCEMENT DETAIL OF BERTHING FIN

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:50 (A3)	DRAWING NO: 18-P0022-JTY-013	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-013.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	



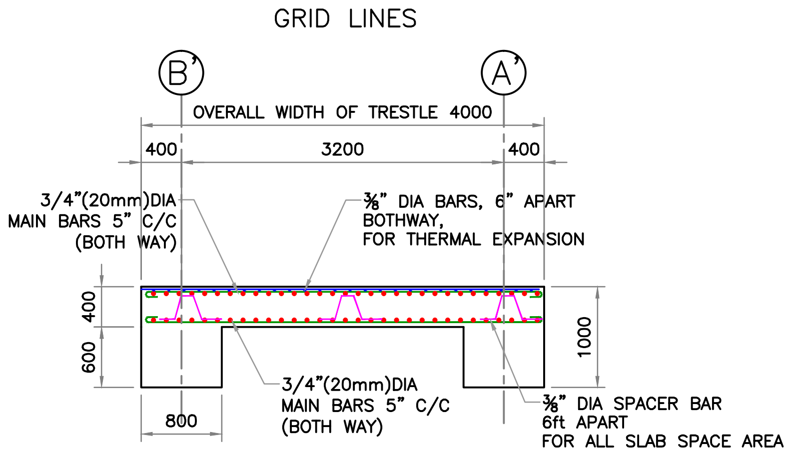
DETAILS THROUGH SLAB (SECTION A-A)

SCALE 1:75 (A3)



DETAILS THROUGH SLAB (SECTION B-B)

SCALE 1:75 (A3)

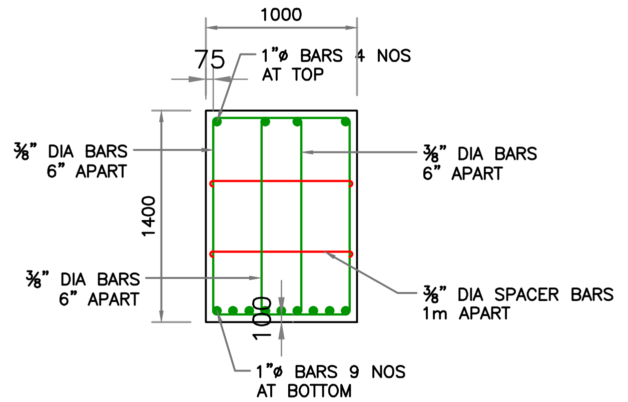


DETAILS THROUGH SLAB (AT TRESTLE)

SCALE 1:75 (A3)

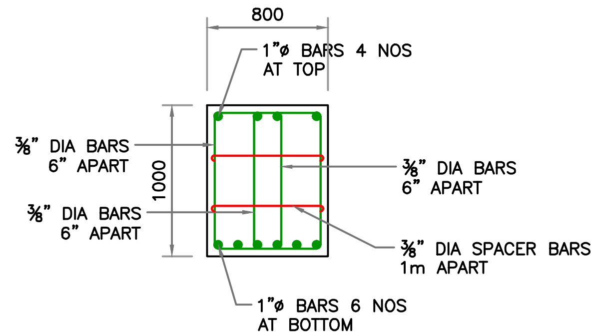
NOTE:

CONCRETE COVER EXCEPT BOTTOM= 75mm
CONCRETE COVER AT BOTTOM= 100mm



BEAM DETAIL AT PLATFORM (1000x1400)

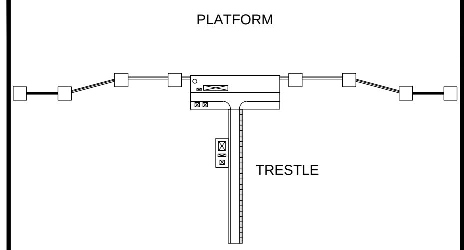
SCALE 1:50 (A3)



BEAM DETAIL AT TRESTLE (800x1000)

SCALE 1:50 (A3)

KEY PLAN



NOTES

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REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

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PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

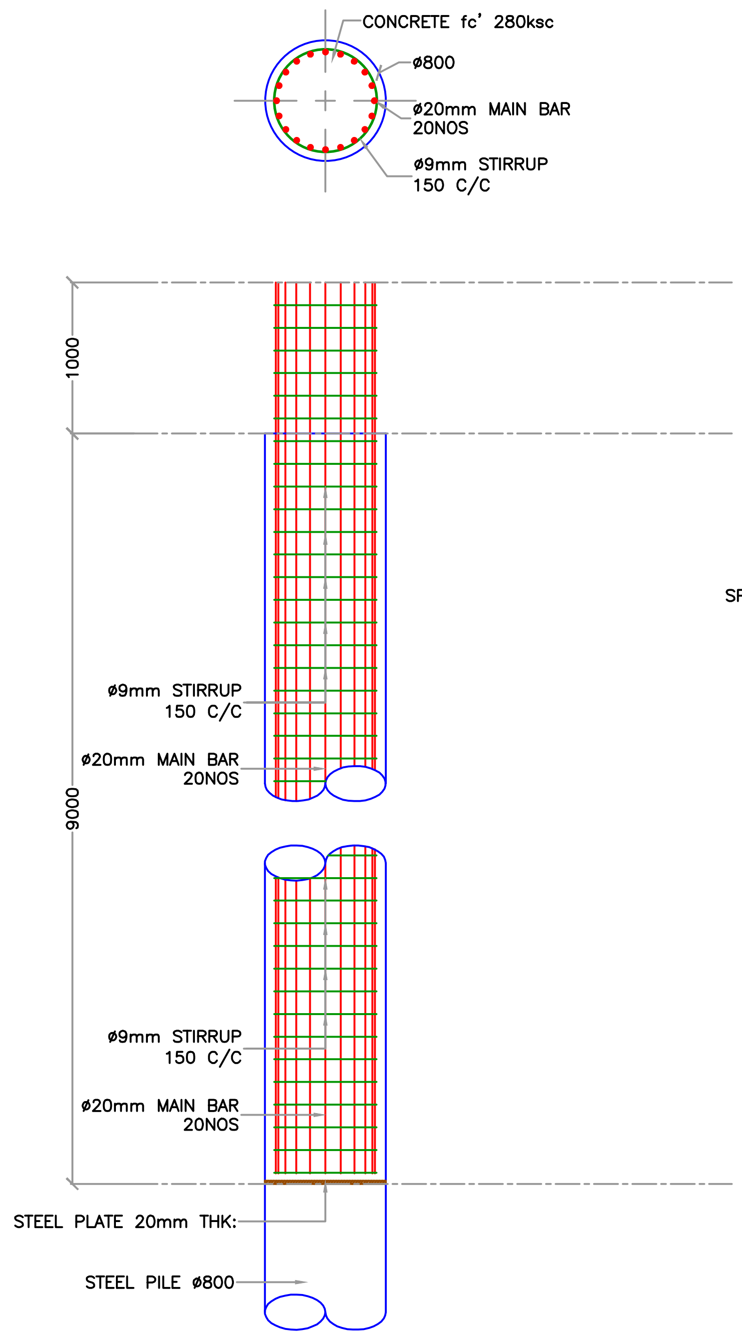
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

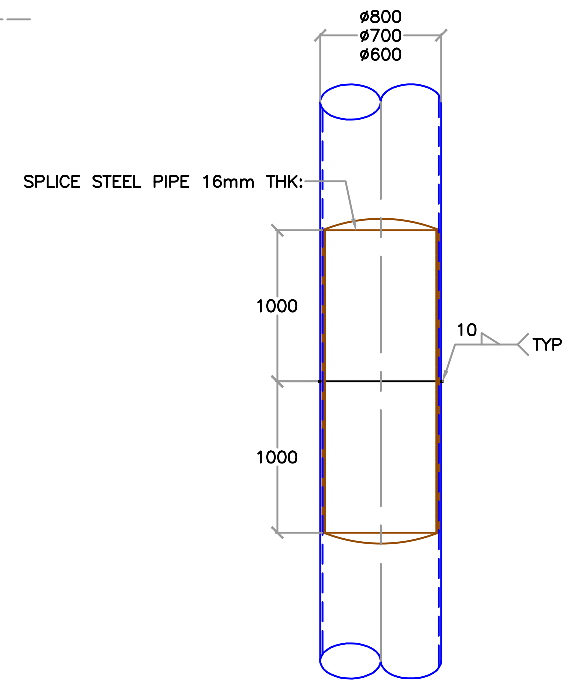
DRAWING TITLE

DETAILING FOR VARIOUS TYPES OF SLABS & BEAMS

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	AS SHOWN (A3)	DRAWING NO: 18-P0022-JTY-014	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME:	
CHECKED:	UST	18-P0022-JTY-014.dwg	
APPROVED:	UST	SHEET : 1 OF : 1	

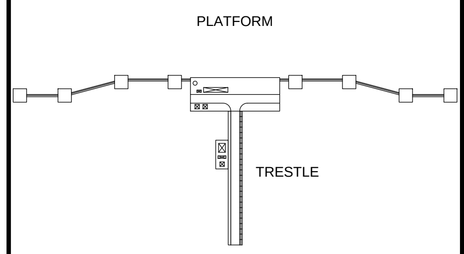


STEEL PILE Ø800mm
SCALE (1:50)



TYPICAL JOINT
SCALE (1:50)

KEY PLAN



NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
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REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

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PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

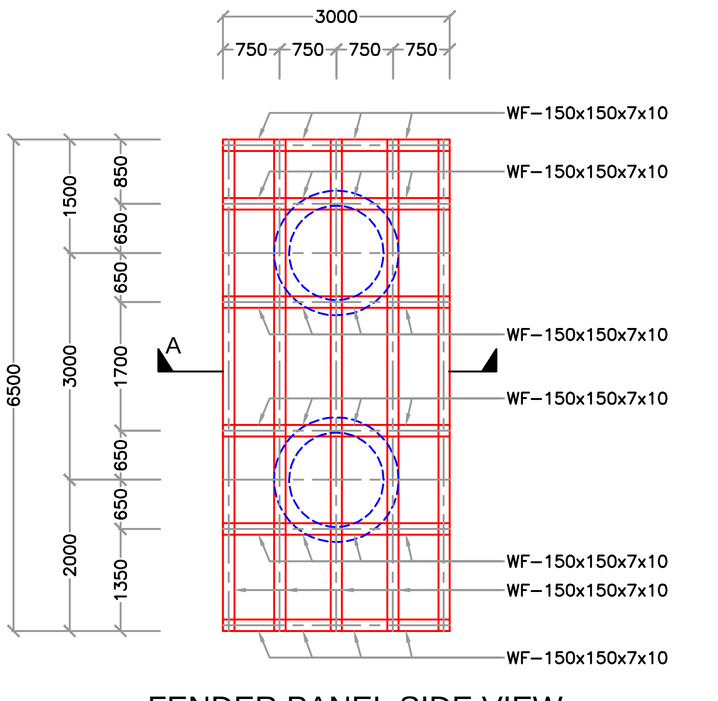
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

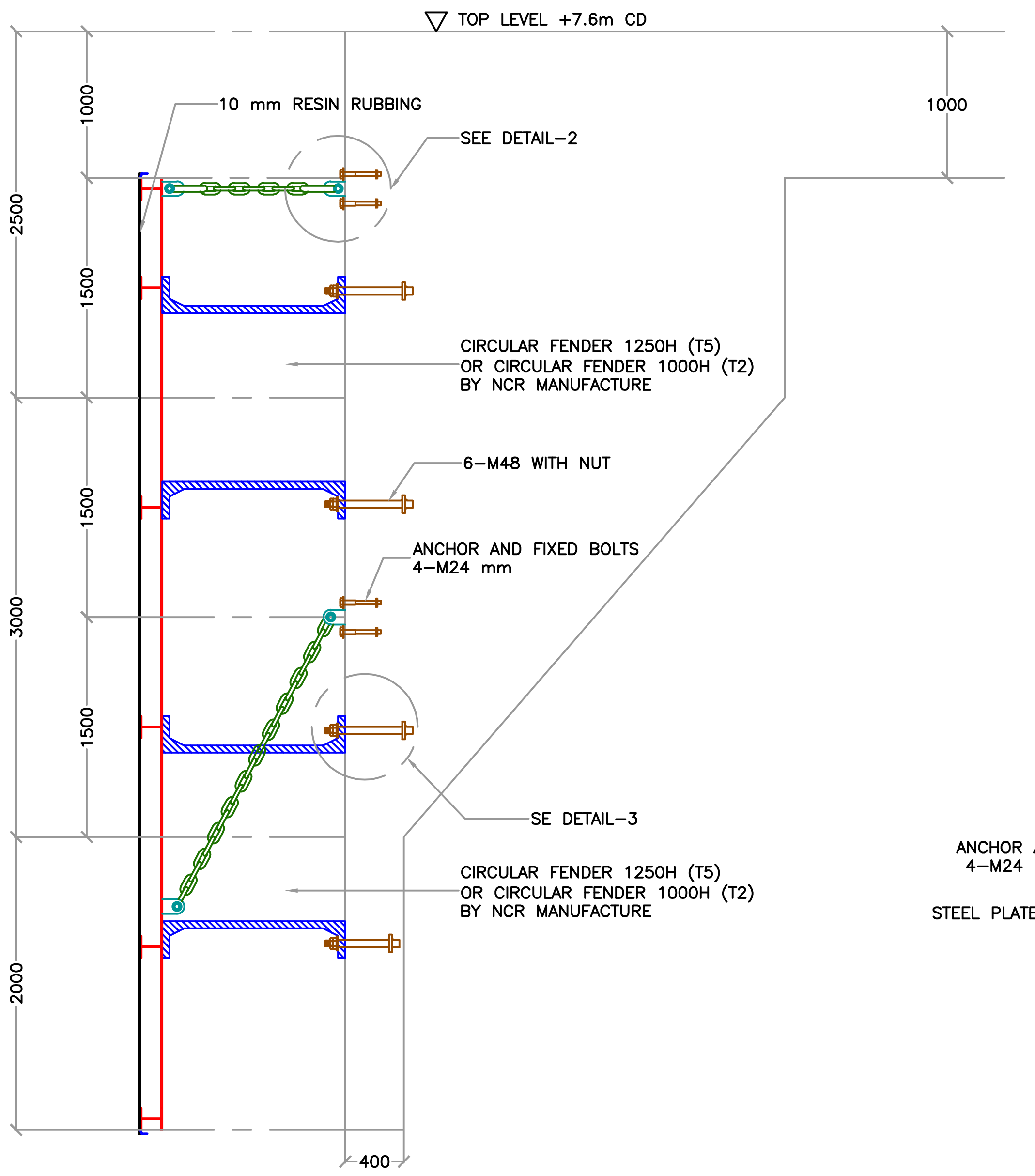
PILE DETAIL FOR ALL STEEL PIPE PILES

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:50 (A3)	DRAWING NO: 18-P0022-JTY-015	REV NO:
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-015.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	



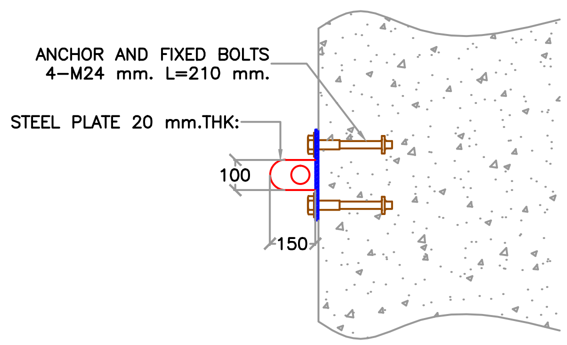
FENDER PANEL SIDE VIEW

SCALE (1:100)



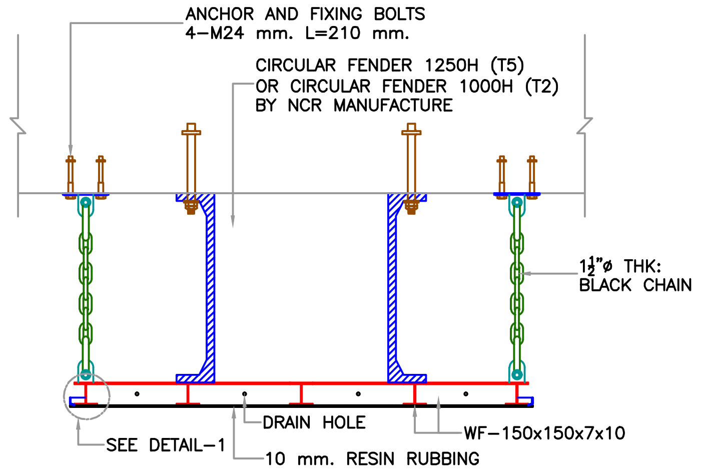
FENDER PANEL SIDE VIEW

SCALE (1:50)



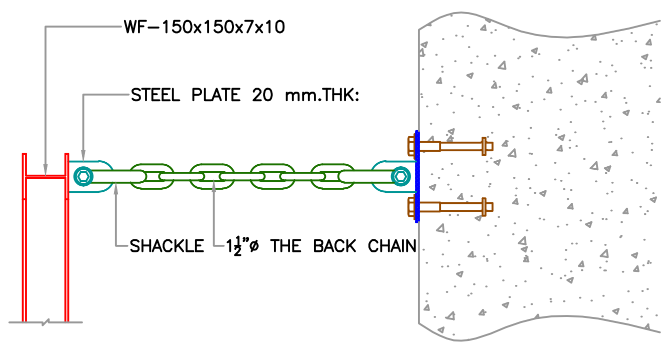
DETAIL-2

SCALE (1:25)



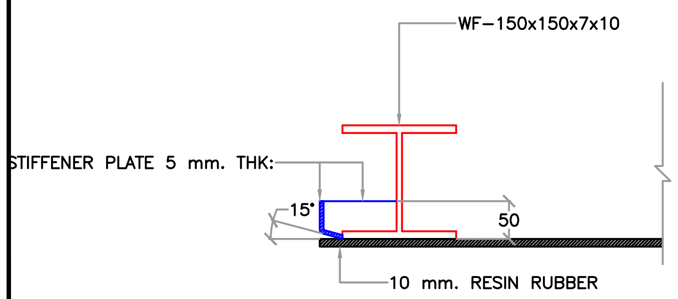
SECTION A

SCALE (1:50)



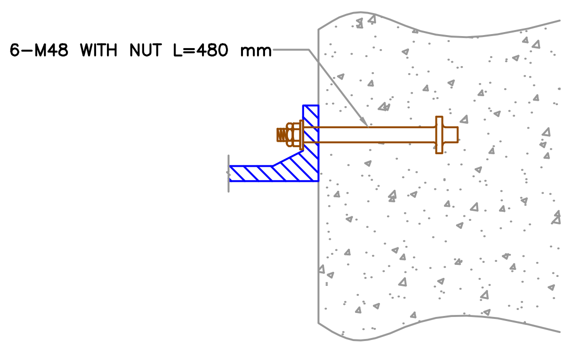
TYPICAL CHAIN SYSTEM

SCALE (1:25)



DETAIL-1

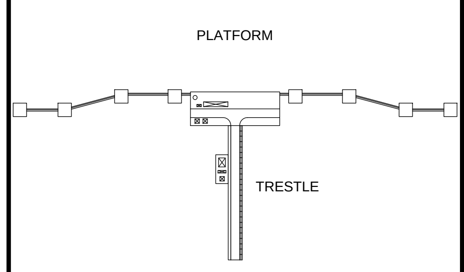
SCALE (1:10)



DETAIL-3

SCALE (1:25)

KEY PLAN



NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
2. ALL LEVELS ARE METERS MEASURED FROM CHART DATUM (CD).

REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

OWNER

MON PETROL COMPANY LIMITED
No. (50), Sayarsan Road, Bahan Township, Yangon.
Email: info@monpetrol.com

DESIGN

U SOE THEIN
PROFESSIONAL ENGINEER
ACPE

CONSTRUCTION CONTRACTOR

PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

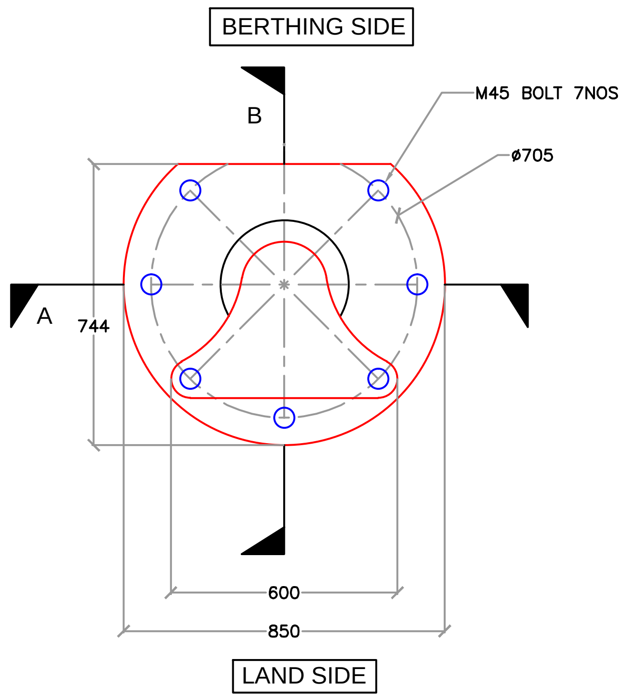
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

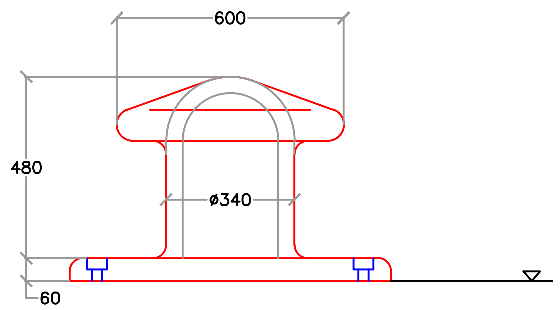
TYPICAL DETAIL OF FENDER

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	AS SHOWN (A3)	DRAWING NO: 18-P0022-JTY-016	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-016.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	



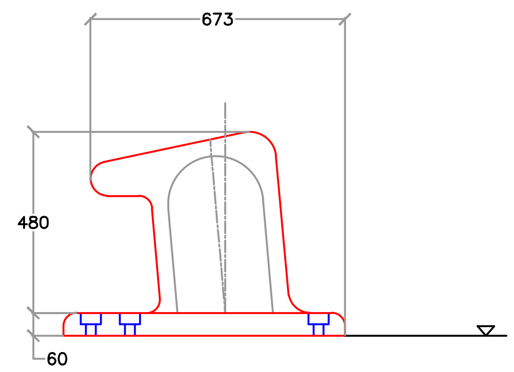
PLAN OF THE TEE-P BOLLARD (100 Tons)

SCALE (1:20)



SECTION-A

SCALE (1:20)



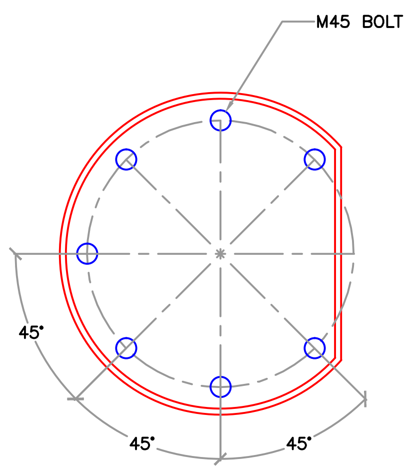
SECTION-B

SCALE (1:20)

BOLT SIZE	M45
LENGTH (mm)	≥650
LENGTH EMBEDDED (mm)	575
WEIGHT (kg)	13
NUMBER OF ANCHORAGES	7

NOTE:

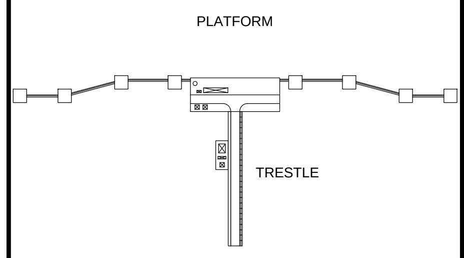
BOLLARD AND OTHER BERTHING ACCESSORY MUST BE INSTALLED ACCORDING WITH MANUFACTURE RECOMMENDATION, PRACTICE OR MANUAL.



7 ANCHORAGES

SCALE (1:20)

KEY PLAN



NOTES

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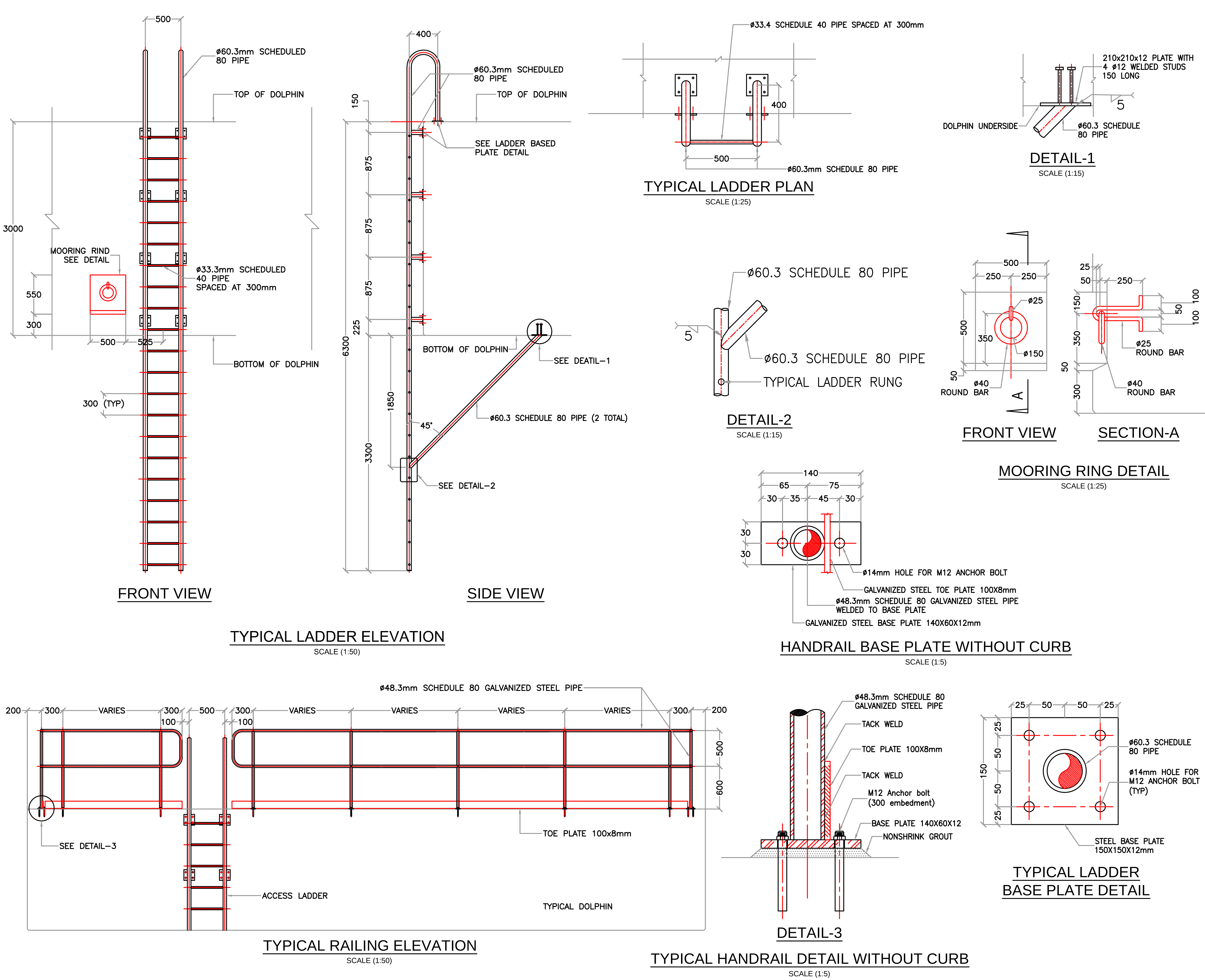
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

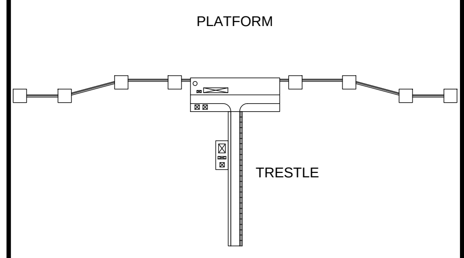
DRAWING TITLE

TYPICAL DETAIL OF BOLLARD

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:20 (A3)	DRAWING NO: 18-P0022-JTY-017	REV NO:
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-017.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	



KEY PLAN



NOTES

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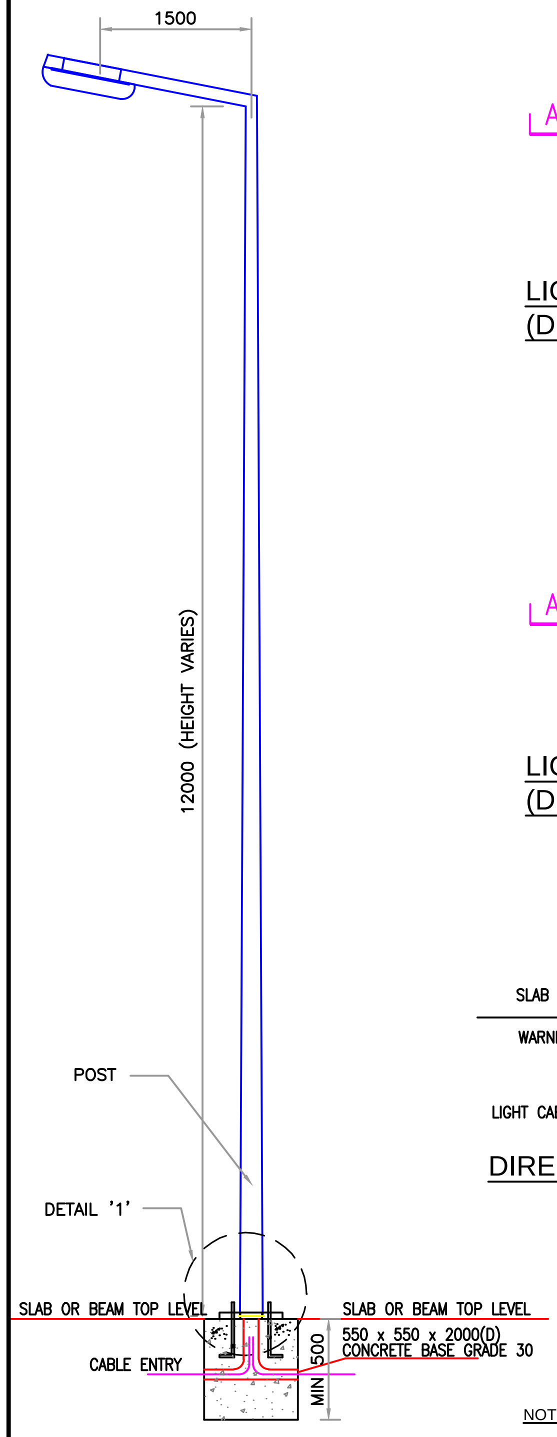
PROJECT DESCRIPTION

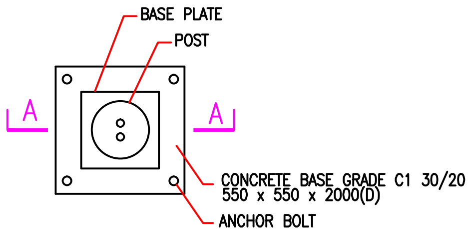
PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

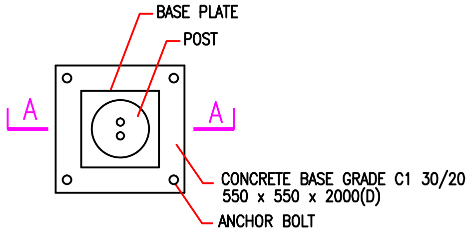
TYPICAL DETAIL OF LADDER

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	AS SHOWN (A3)	DRAWING NO: 18-P0022-JTY-018	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-018.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : OF :	1 / 1

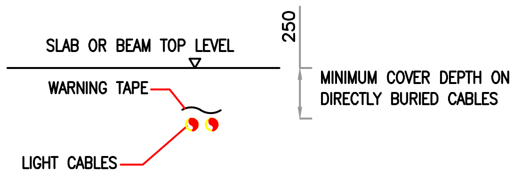




LIGHTING POST PLAN
(DETAIL '1')



LIGHTING POST PLAN
(DETAIL '2')

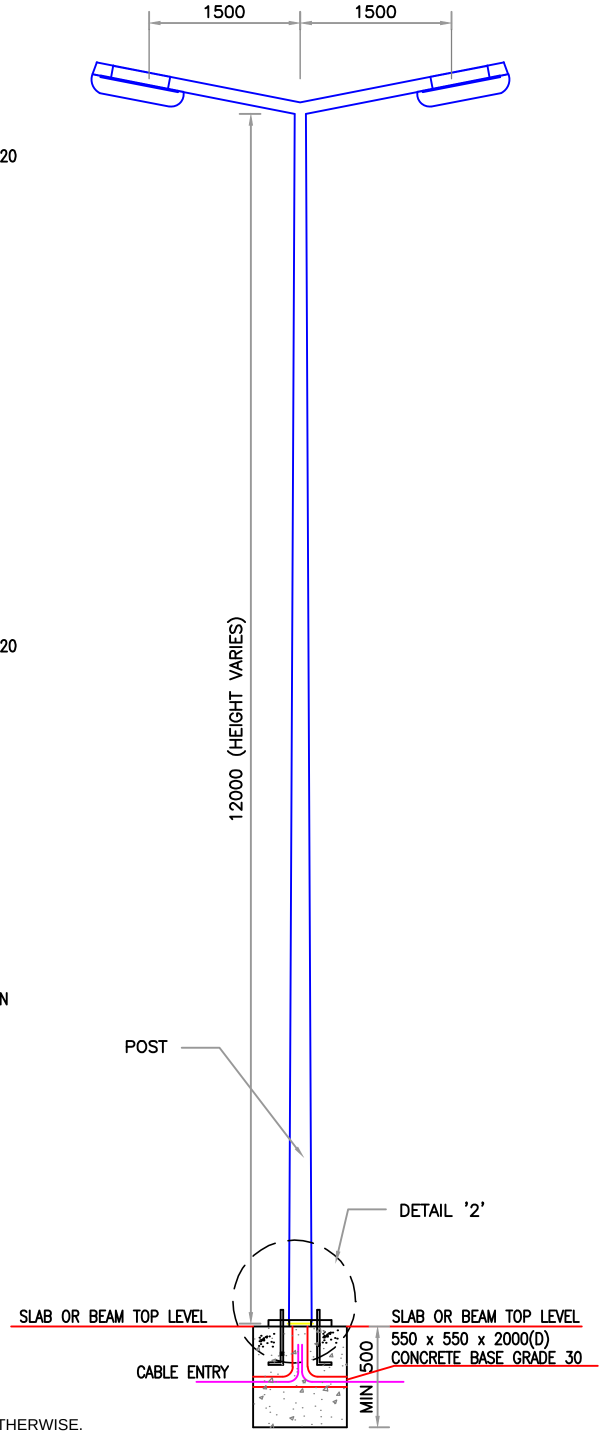


DIRECTLY BURIED CABLES DETAIL

NOTE:

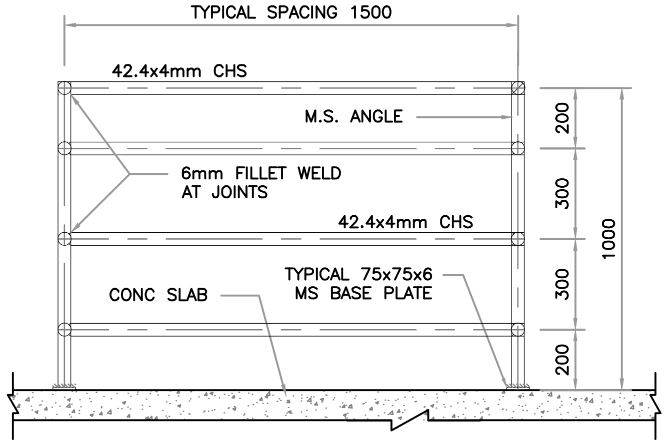
1. ALL DIMENSIONS ARE MILLIMETERS UNLESS STATED OTHERWISE.
2. CONTRACTOR (MANUFACTURE) SHALL PROVIDE DETAILS OF CAST-IN HOLDING DOWN BOLTS.
3. MANUFACTURE SHALL PROVIDE FULL DESIGN CALCULATIONS OF LIGHT POLE FOR ITS STABILITY AT 50m/s WIND SPEED IN COMPLIANCE WITH LOCAL STANDARDS.

LIGHTING POST SINGLE-ARM
SCALE 1:75 (A3)

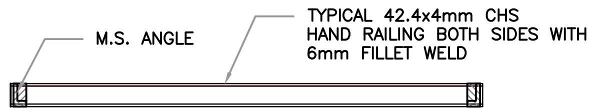


LIGHTING POST DOUBLE-ARM
SCALE 1:75 (A3)

HAND-RAIL DETAILS (TYPICAL)

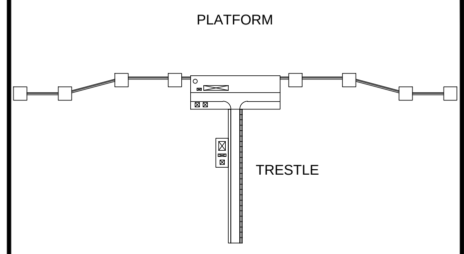


SIDE VIEW OF HAND-RAIL
SCALE 1:25



PLAN VIEW OF HAND-RAIL
SCALE 1:25

KEY PLAN



NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
2. ALL LEVELS ARE METERS MEASURED FROM CHART DATUM (CD).
3. THE HANDRAIL DRAWING SHOWN IS TYPICAL. THE SPACING OF CIRCULAR HOLLOW SECTION (CHS) & MS ANGLE POSTS SHALL BE REVISED ACCORDING TO LOCAL STANDARDS WHICH IS WIDELY USED.

REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

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ACPE

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PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

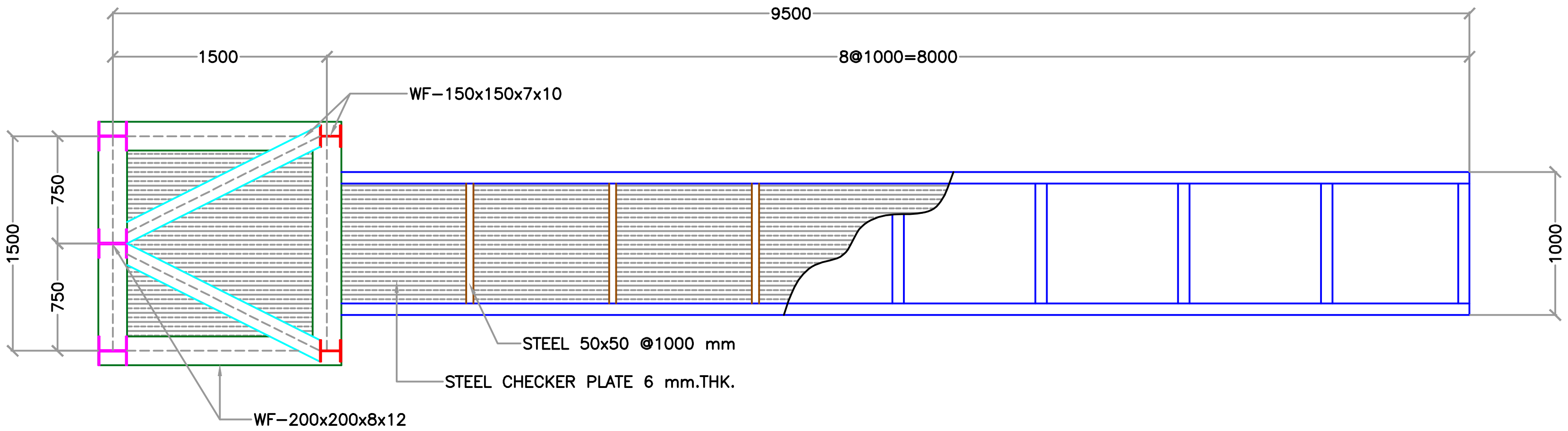
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

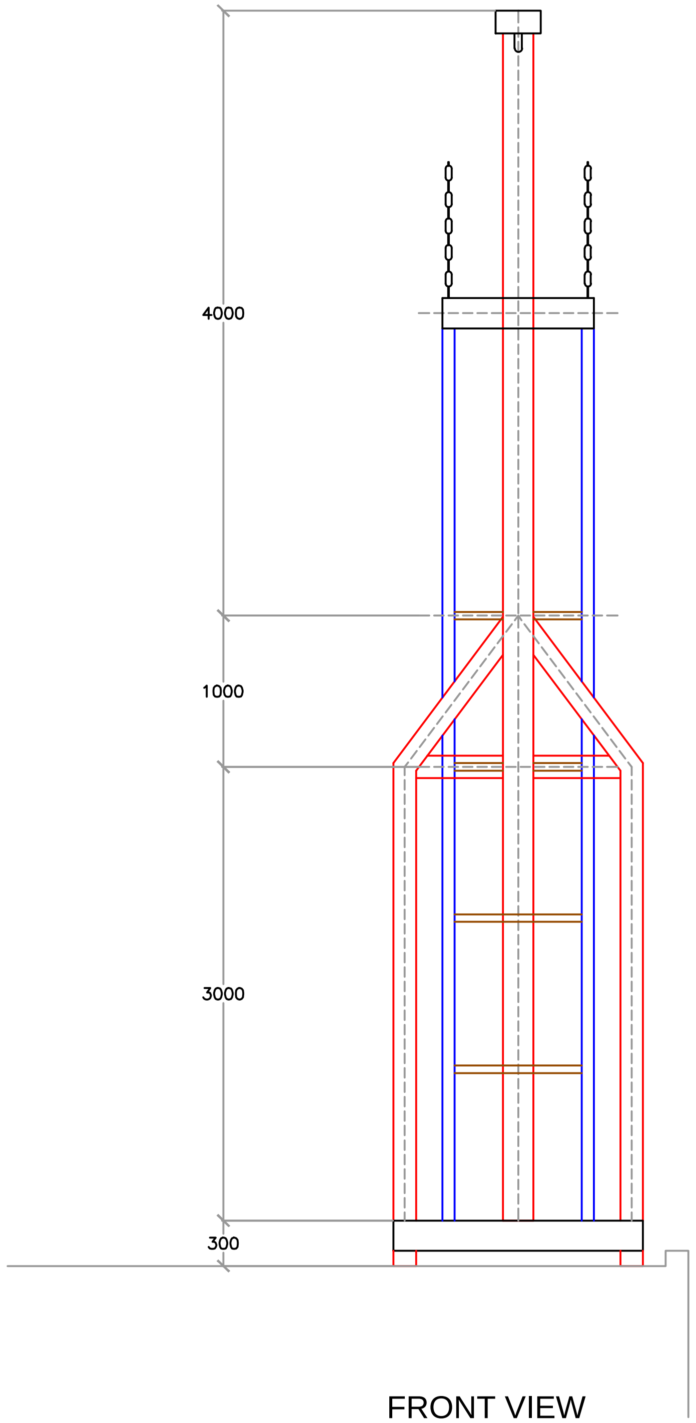
DRAWING TITLE

DETAIL OF LIGHT POST AND HAND RAIL

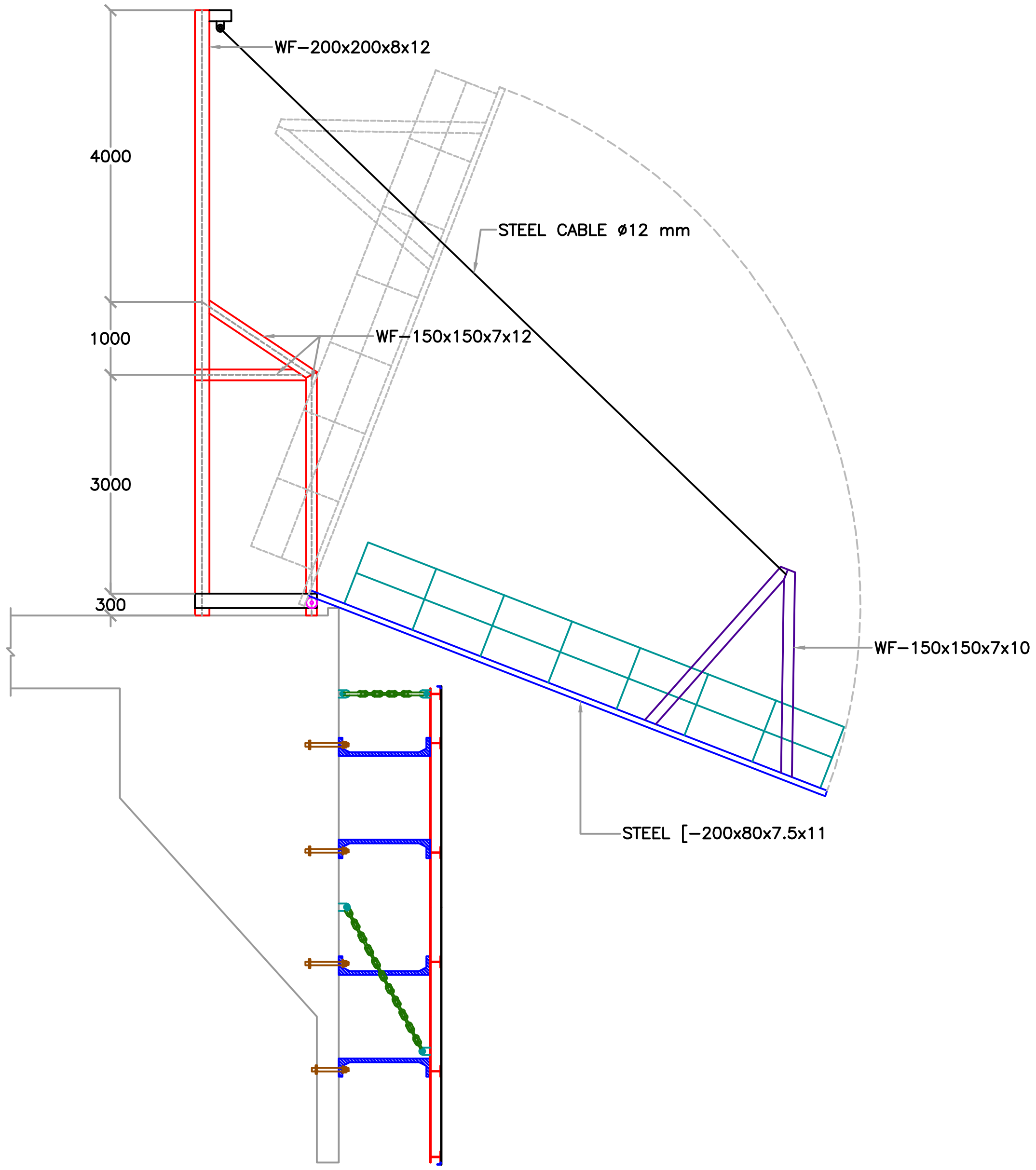
DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	AS SHOWN (A3)	DRAWING NO: 18-P0022-JTY-019	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-019.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	



GANG WAY PLAN
SCALE (1:50)

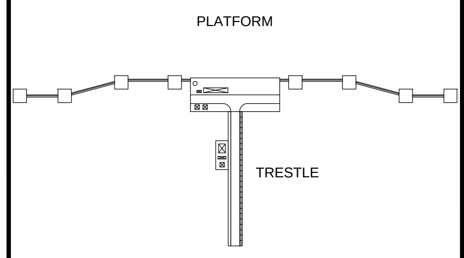


FRONT VIEW
SCALE (1:50)



SIDE VIEW
SCALE (1:100)

KEY PLAN



NOTES

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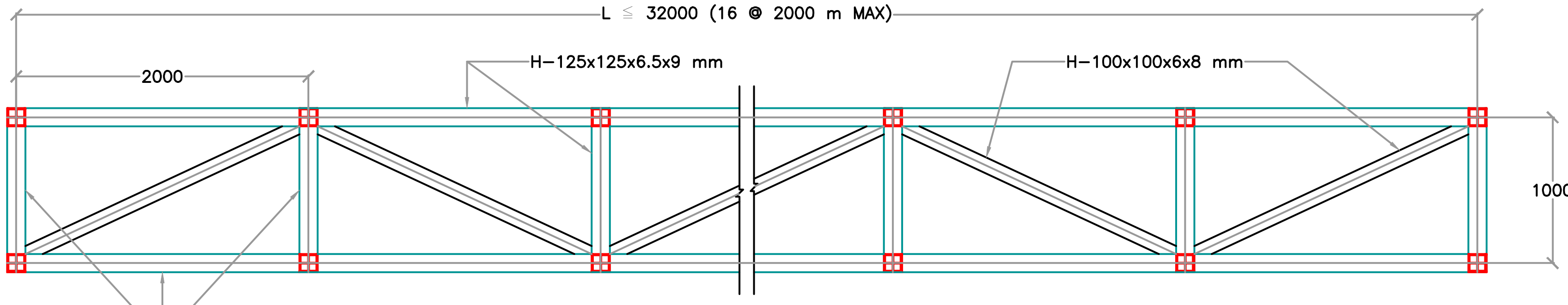
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

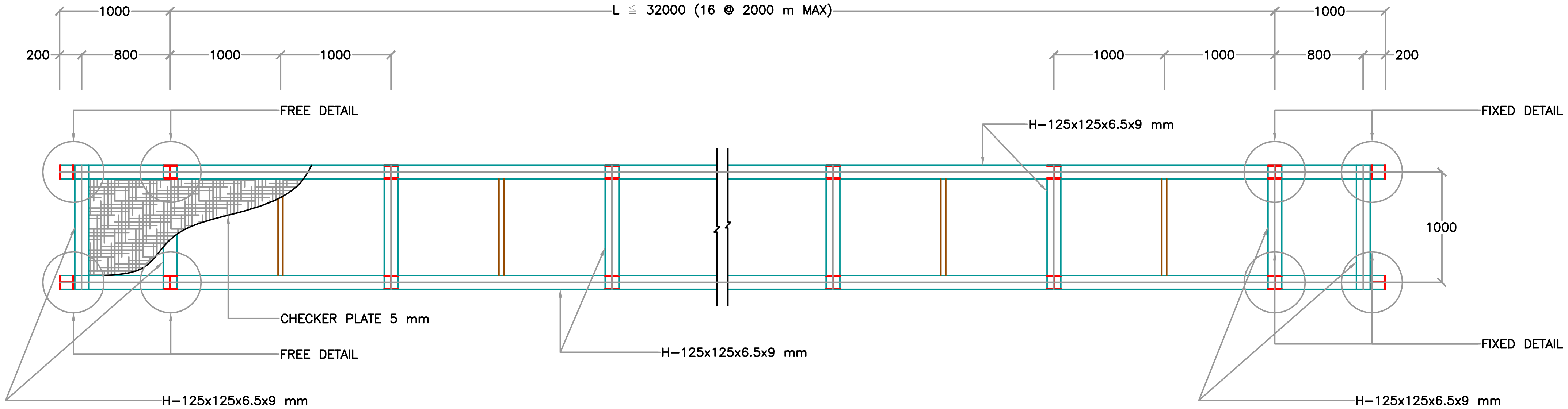
DRAWING TITLE

TYPICAL DETAIL OF GANGWAY

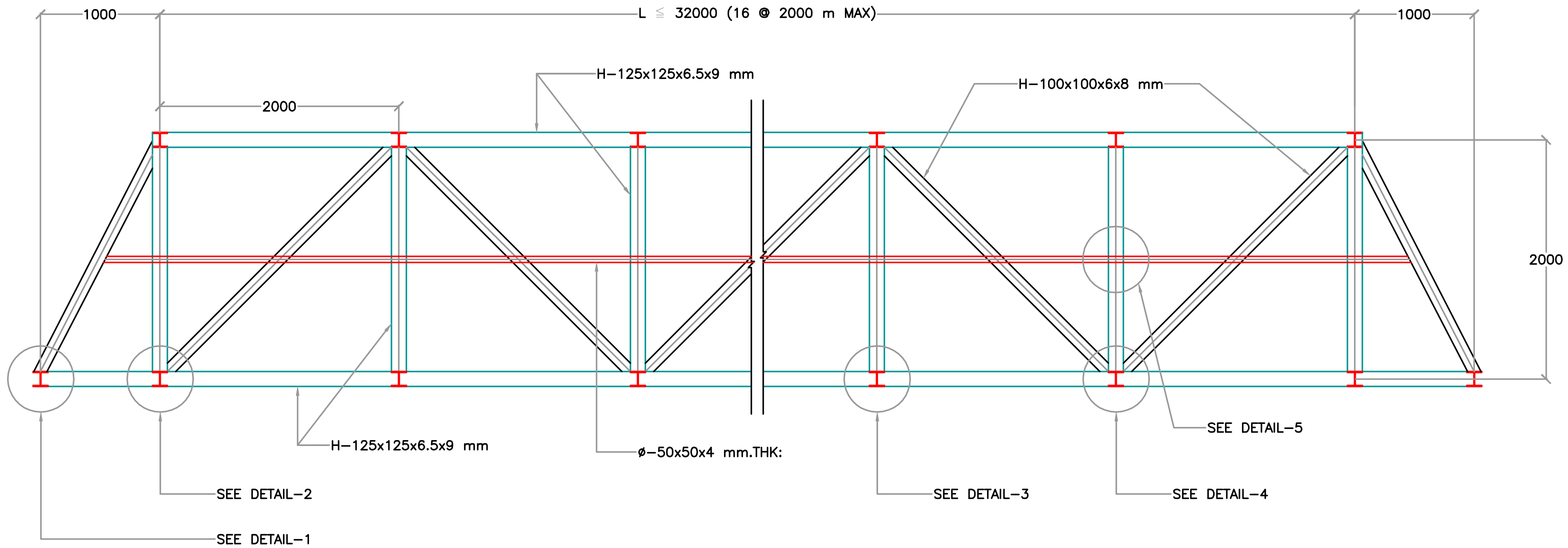
DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	AS SHOWN (A3)	DRAWING NO: 18-P0022-JTY-020	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-020.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	



TOP PLAN OF WALKWAY

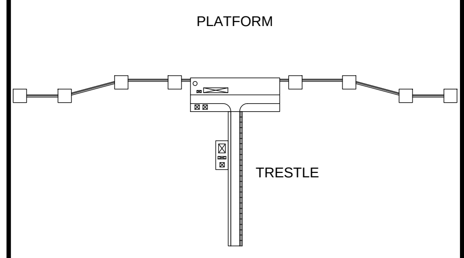


BOTTOM PLAN OF WALKWAY



SIDE ELEVATION OF WALKWAY

KEY PLAN



NOTES

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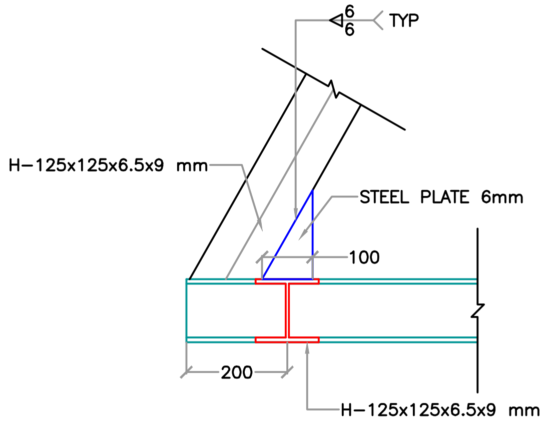
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

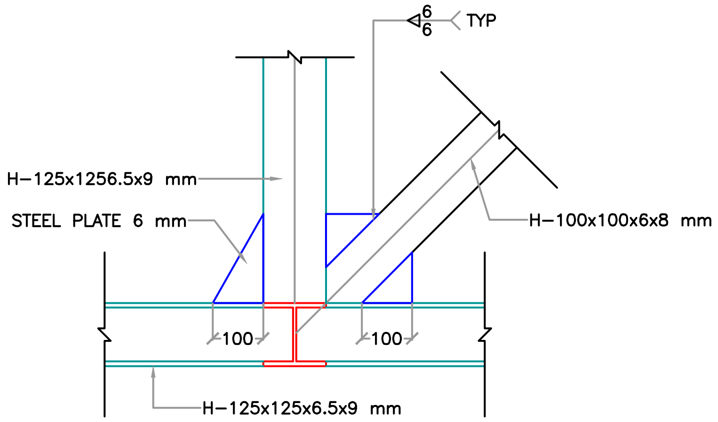
TYPICAL DETAIL OF WALKWAY (SHEET 1 OF 2)

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	1:50 (A3)	DRAWING NO: 18-P0022-JTY-021	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-021.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : OF :	1/2



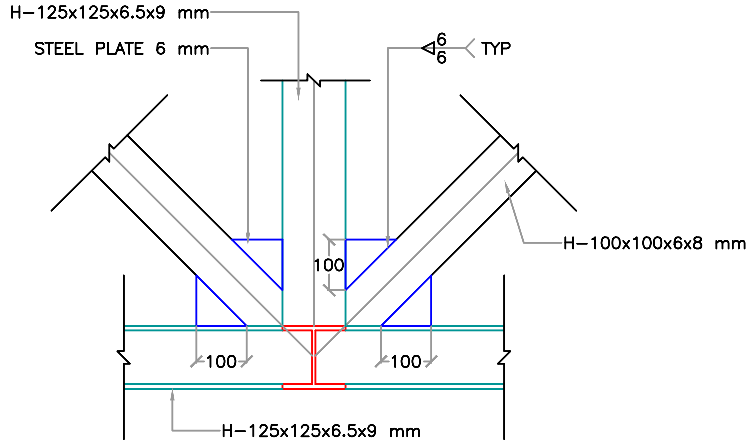
DETAIL-1

SCALE (1:15)



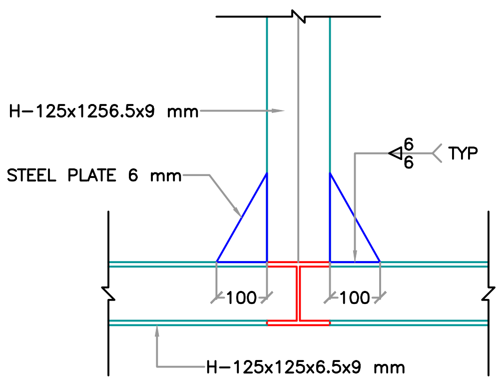
DETAIL-2

SCALE (1:15)



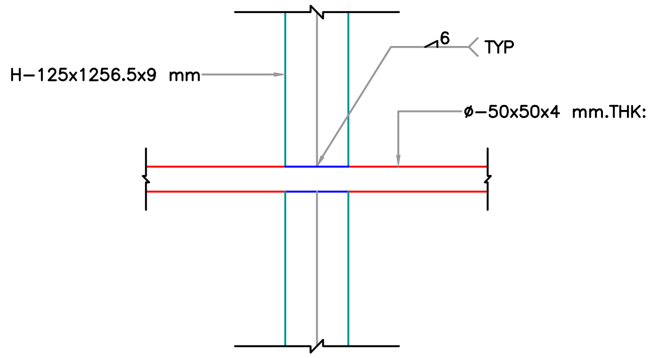
DETAIL-3

SCALE (1:15)



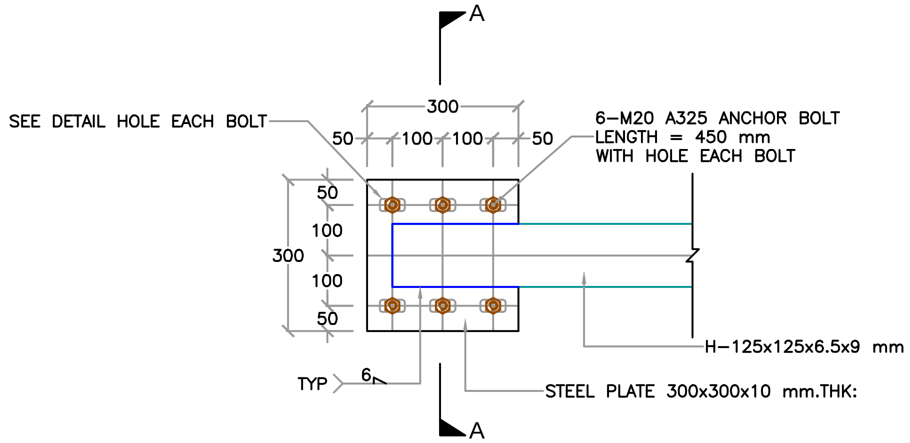
DETAIL-4

SCALE (1:15)



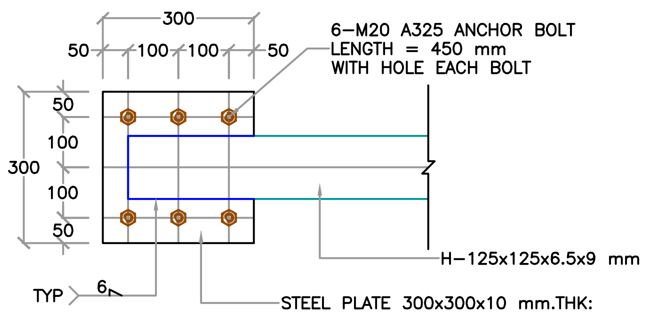
DETAIL-5

SCALE (1:15)



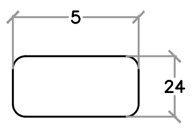
DETAIL-1

SCALE (1:15)



DETAIL-1

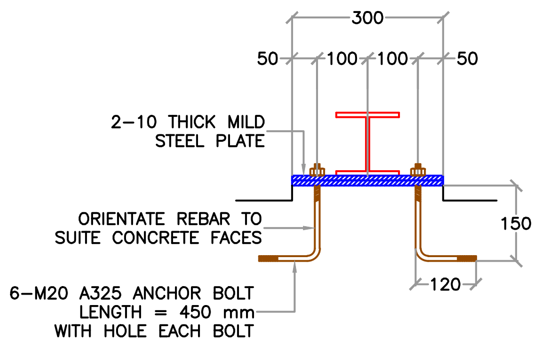
SCALE (1:15)



DETAIL SLOT HOLE EACH BOLT

(AT TOP PLATE)

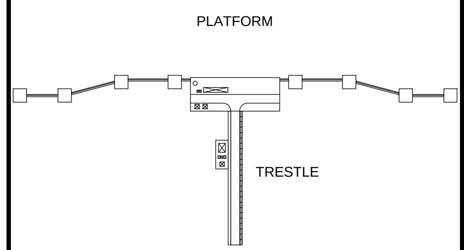
NOT TO SCALE



SECTION-A

SCALE (1:15)

KEY PLAN



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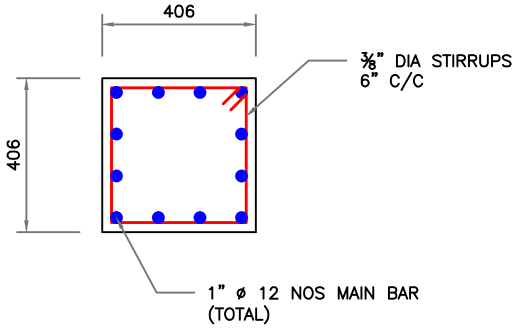
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

TYPICAL DETAIL OF WALKWAY
(SHEET 2 OF 2)

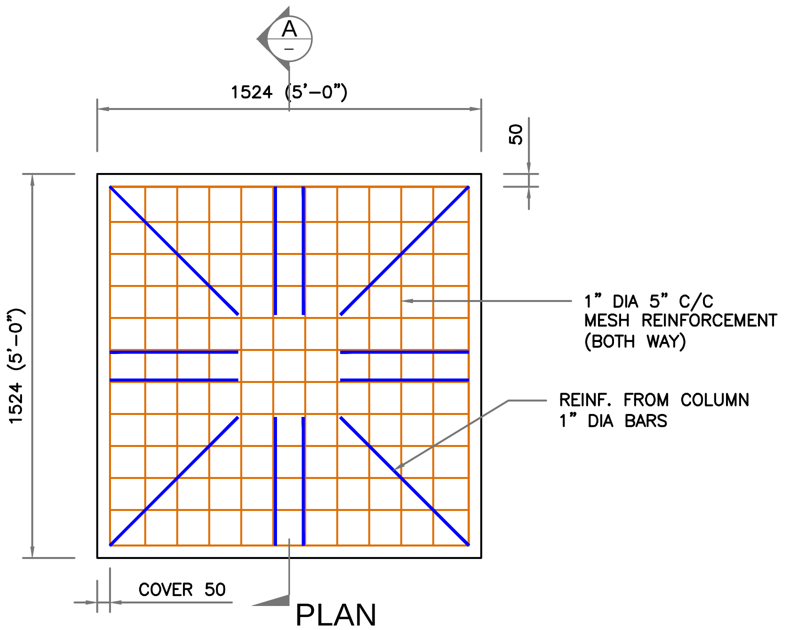
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CHECKED:	UST		
APPROVED:	UST	SHEET : 2 OF : 2	



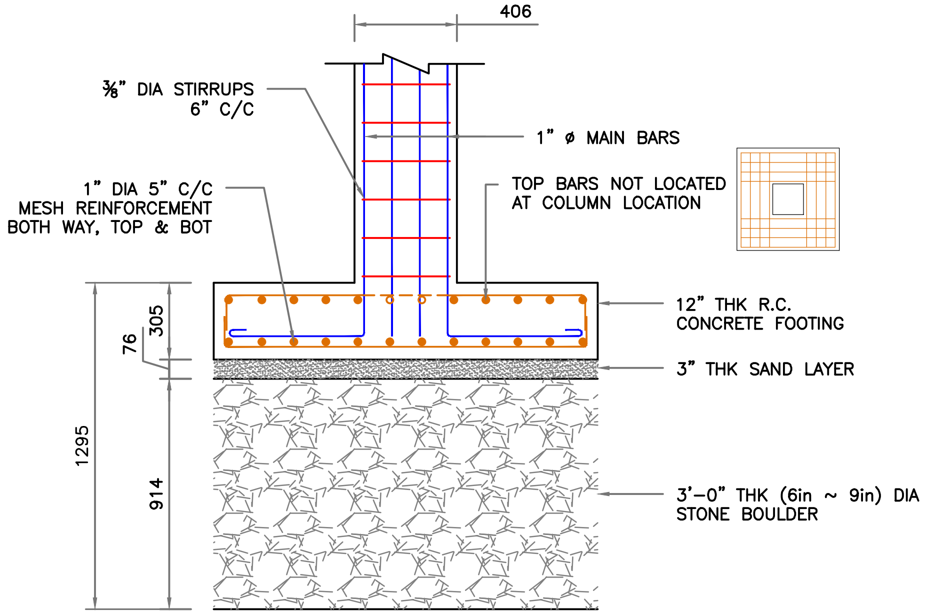
R.C. COLUMN (16"x16")

COLUMN LENGTH = 8 ft (2438mm)

SCALE 1:20



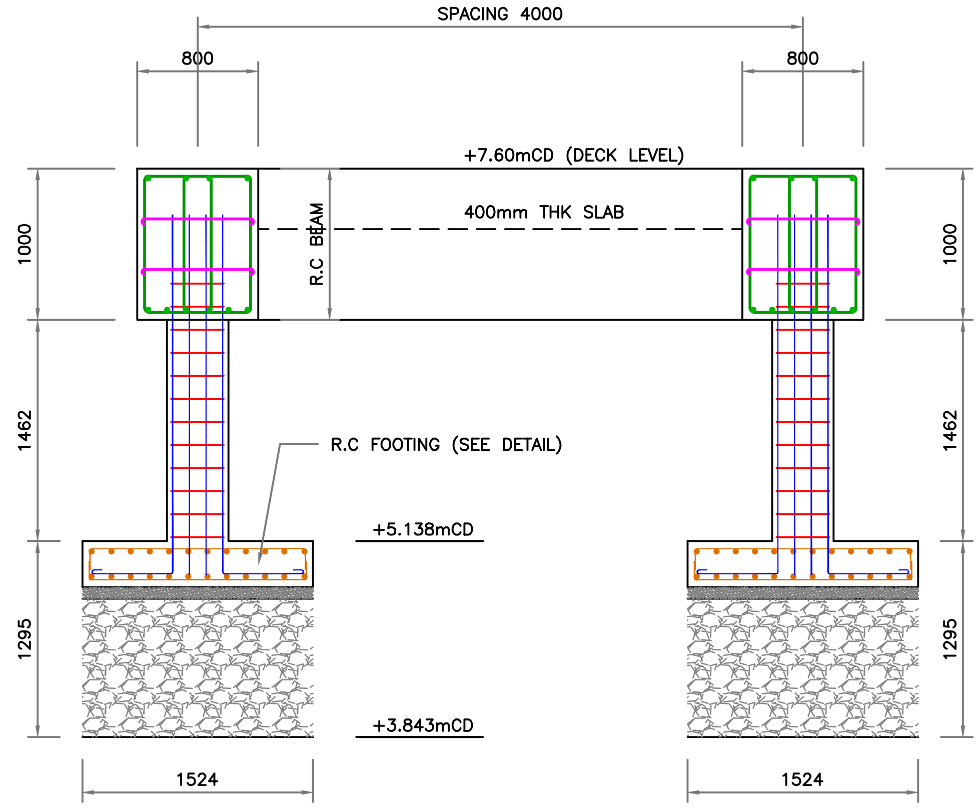
PLAN



SECTION A

R.C. FOOTING DETAILS

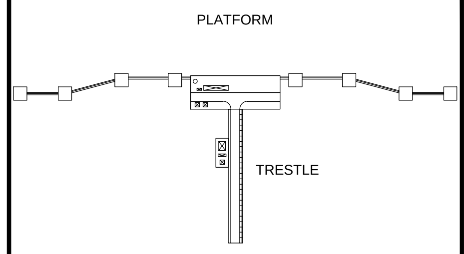
SCALE 1:30



TYPICAL SECTION BETWEEN COLUMN FOOTINGS

SCALE 1:50

KEY PLAN



NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
2. ALL LEVELS ARE METERS MEASURED FROM CHART DATUM (CD).
3. RECTANGULAR FOOTING SUPPORT WILL BE PROVIDED AT LAST GRID LINES, SEE SECTIONAL ELEVATION DRAWING AND PILING LAYOUT DRAWING.

REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

OWNER

MON PETROL COMPANY LIMITED
No. (50), Sayarsan Road, Bahan Township, Yangon.
Email: info@monpetrol.com

DESIGN

U SOE THEIN
PROFESSIONAL ENGINEER
ACPE

CONSTRUCTION CONTRACTOR

PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

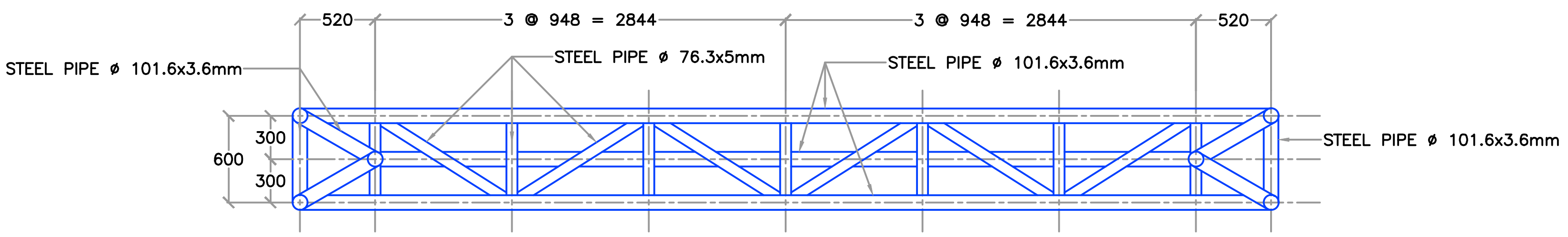
PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

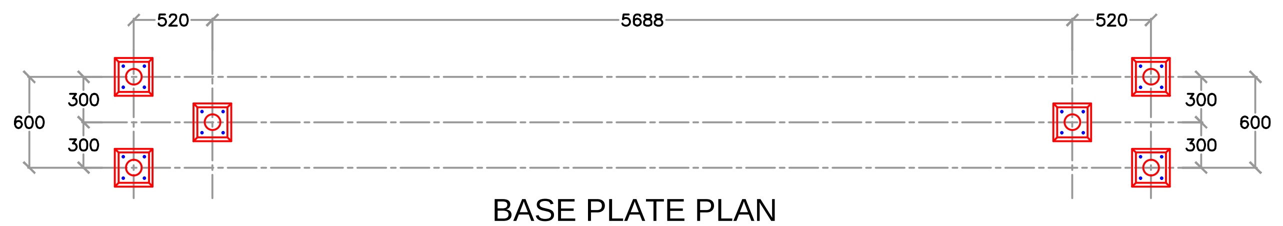
DRAWING TITLE

DETAIL OF R.C FOOTING

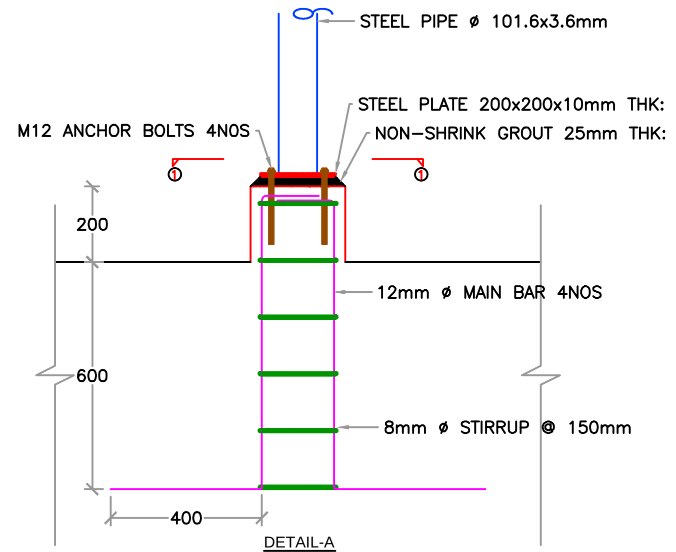
DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	AS SHOWN (A3)	DRAWING NO: 18-P0022-JTY-023	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME:	
CHECKED:	UST	18-P0022-JTY-023.dwg	
APPROVED:	UST	SHEET : 1 OF : 1	



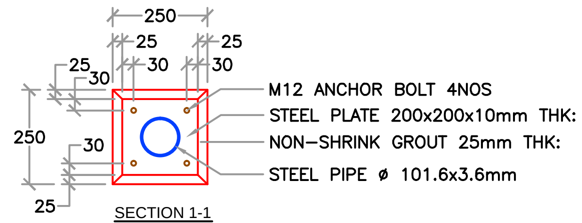
TOP PLAN
SCALE (1:50)



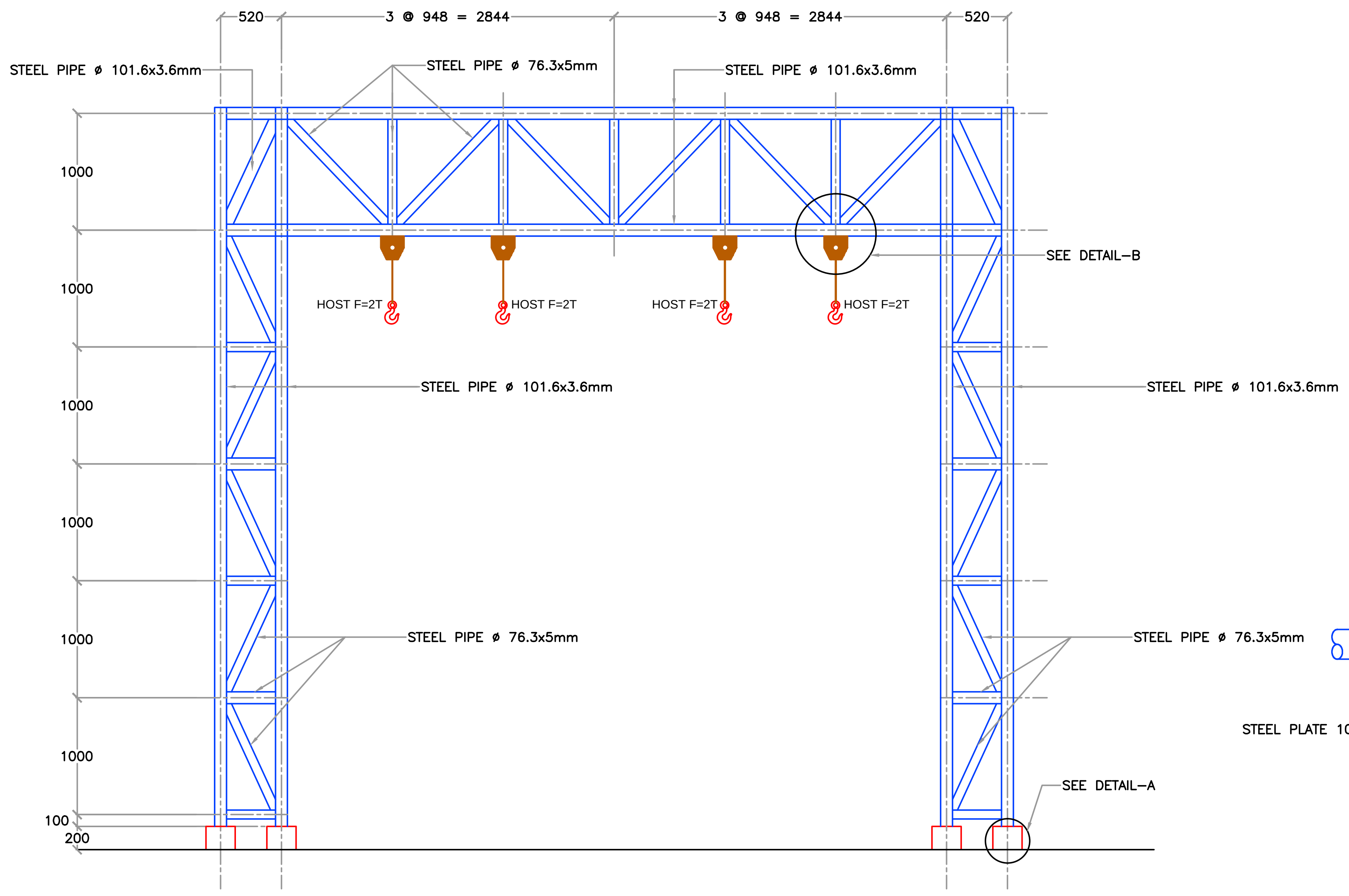
BASE PLATE PLAN
SCALE (1:50)



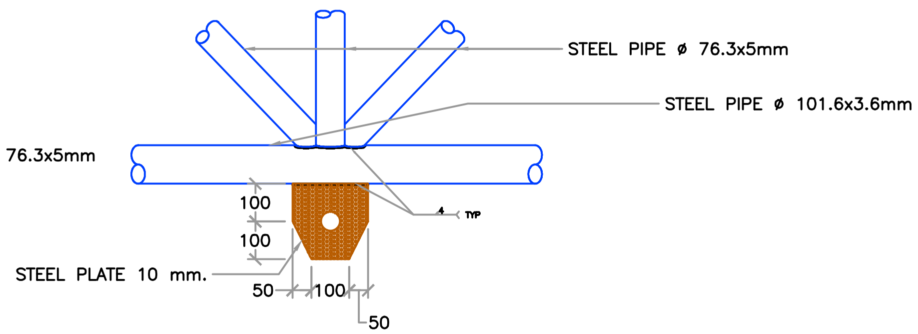
DETAIL-A



SECTION 1-1

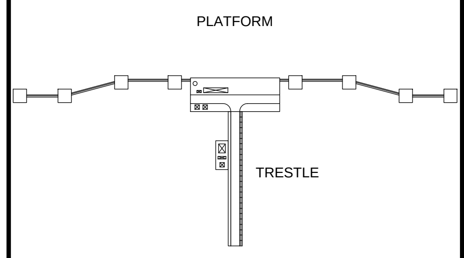


HOIST LIFTING STRUCTURE
SCALE (1:50)



DETAIL-B

KEY PLAN



NOTES

1. ALL DIMENSIONS ARE IN SI UNIT SYSTEM (MILLIMETER) UNLESS STATED OTHERWISE IN THE DRAWING.
2. ALL LEVELS ARE METERS MEASURED FROM CHART DATUM (CD).

REV.	DESCRIPTION	DATE	DRAWN	CHECKED	APPROVED

OWNER

MON PETROL COMPANY LIMITED
No. (50), Sayarsan Road, Bahan Township, Yangon.
Email: info@monpetrol.com

DESIGN

U SOE THEIN
PROFESSIONAL ENGINEER
ACPE

CONSTRUCTION CONTRACTOR

PROJECT NAME AND LOCATION

PROPOSED JETTY CONSTRUCTION PROJECT, NEAR KA DONE PAW VILLAGE, MUDON TOWNSHIP, MON STATE

PROJECT DESCRIPTION

PROPOSED JETTY CONSTRUCTION PROJECT FOR OIL TERMINAL

DRAWING TITLE

HOIST LIFTING STRUCTURE

DATE:	27-12-2018	JOB NO:	18-P0022
SCALE:	AS SHOWN (A3)	DRAWING NO: 18-P0022-JTY-024	REV NO: 0
DRAWN:	AG	DIGITAL FILE NAME: 18-P0022-JTY-024.dwg	
CHECKED:	UST		
APPROVED:	UST	SHEET : 1 OF : 1	

DRAWINGS AND ESTIMATE

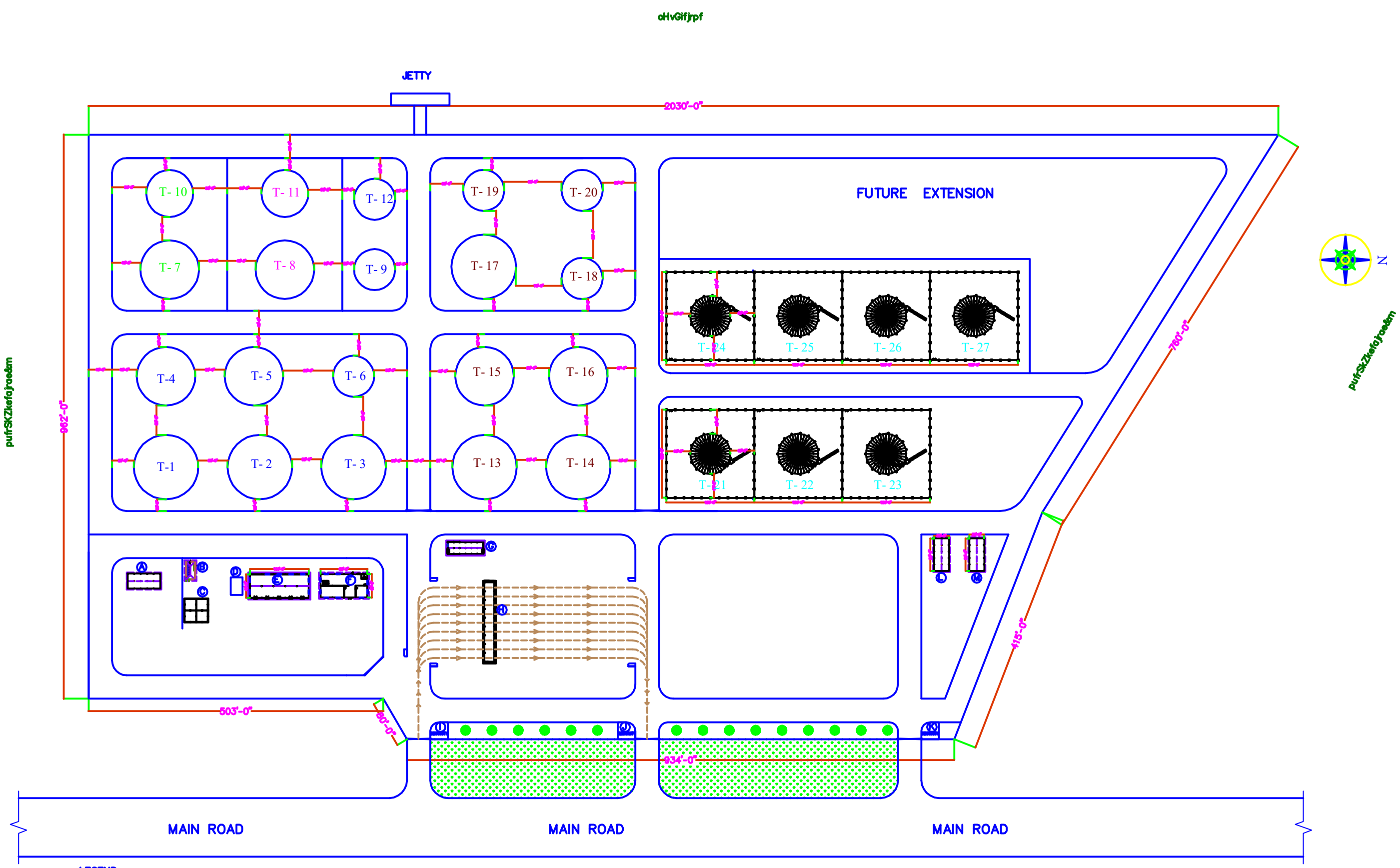
FOR

PROPOSED JETTY CONSTRUCTION PROJECT
NEAR KA DONE PAW VILLAGE
MUDON TOWNSHIP, MON STATE

CLIENT : MON PETROL COMPANY LIMITED

DESIGN	ESTIMATE	DRAWING
U SOE THEIN PROFESSIONAL ENGINEER ACPE	U THAN SHWE ASSISTANCE ENGINEER	U PIKE MAUNG MAUNG HEIN B.E (Port & Harbour)

DATED ON 3-1-2019



LEGEND

# T-1	3 MILLION GALLONS MS TANK	
# T-2	3 MILLION GALLONS MS TANK	
# T-3	3 MILLION GALLONS MS TANK	
# T-4	2 MILLION GALLONS MS TANK	
# T-5	2 MILLION GALLONS MS TANK	
# T-6	1 MILLION GALLONS MS TANK	
# T-9	1 MILLION GALLONS MS TANK	
# T-12	1 MILLION GALLONS MS TANK	
# T-7	2 MILLION GALLONS BITUMEN TANK	
# T-10	1.5 MILLION GALLONS BITUMEN TANK	
# T-8	2 MILLION GALLONS FO TANK	
# T-11	1.5 MILLION GALLONS FO TANK	
# T-13	3 MILLION GALLONS DIESEL TANK	
# T-14	3 MILLION GALLONS DIESEL TANK	
# T-17	3 MILLION GALLONS DIESEL TANK	
# T-15	2 MILLION GALLONS DIESEL TANK	
# T-16	2 MILLION GALLONS DIESEL TANK	
# T-18	1 MILLION GALLONS DIESEL TANK	
# T-19	1 MILLION GALLONS DIESEL TANK	
# T-20	1 MILLION GALLONS DIESEL TANK	
# T-21	2000 MT LPG TANK	
# T-22	2000 MT LPG TANK	
# T-23	2000 MT LPG TANK	
# T-24	2000 MT LPG TANK	
# T-25	2000 MT LPG TANK	
# T-26	2000 MT LPG TANK	
# T-27	2000 MT LPG TANK	
A	FIRE FIGHTING UNIT	(55' x 25')
B	TOILET	(30' x 15')
C	GROUND WATER TANK	(100,000 GALLONS)
D	GENERATOR	
E	STAFF LOUNGE	(100' x 40')
F	2 STORYED MAIN OFFICE	(80' x 40')
G	PUMP HOUSE	(60' x 20')
H	BOWSER OFFLOADING BAY	(135' x 30')
I,J,K	SECURITY POINT	
L,M	MOTOR GARAGE	(55' x 25')

OWNER/APPLICANT NAME:
MON PETROL CO., LTD.

PROJECT
LPG & FUEL PRODUCT TERMINAL

BLOCK NO.	
LOT NO.	

AREA
(45) ACRE

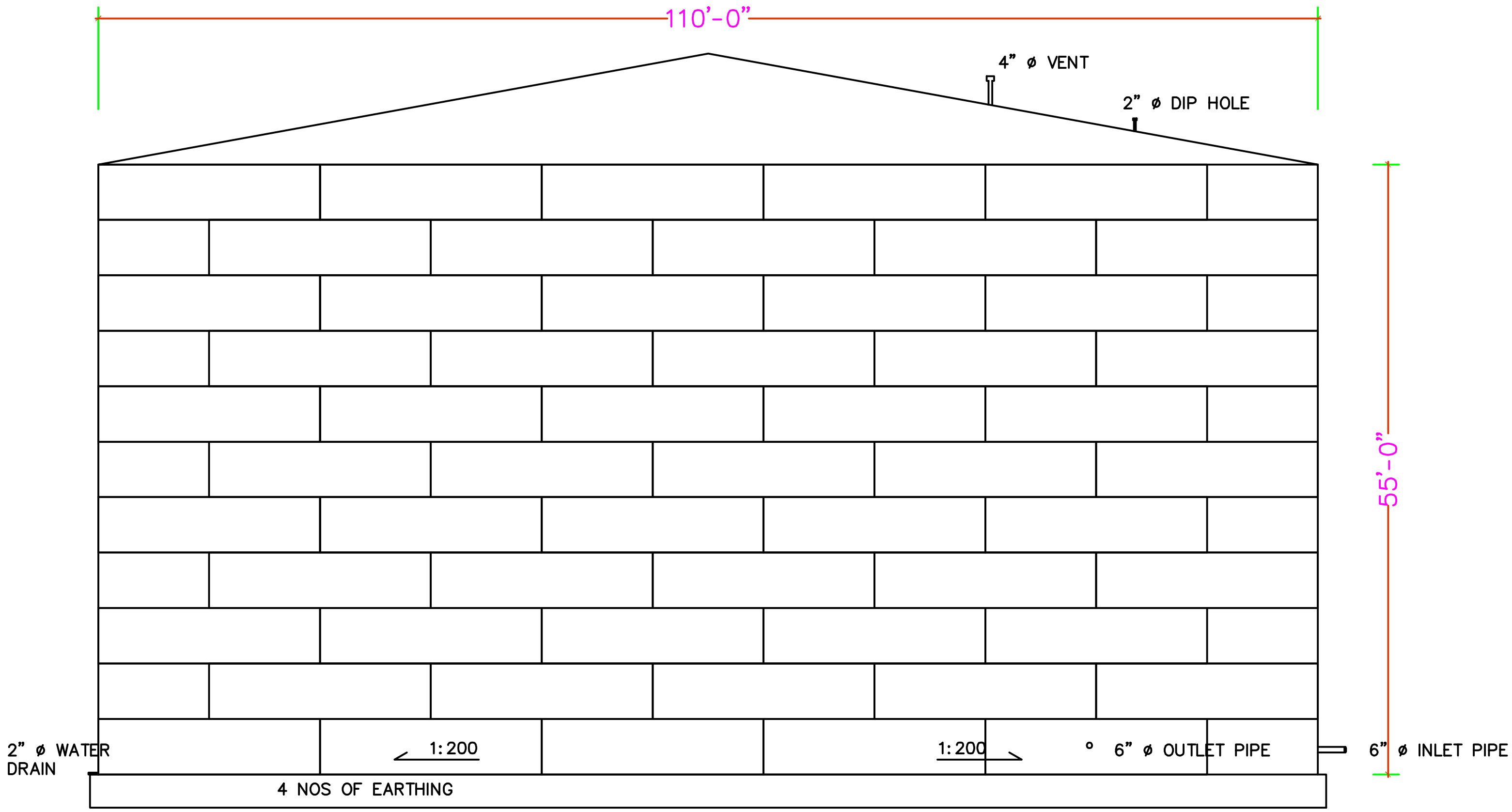
SUBJECT
LAYOUT PLAN

SCALE	1" : 180'-0"	SHEET NO.
DATE	16.12.2018	5301/2018

LOCATION:
rGefjynfe,f? rk'kHjrdKUe,f/

DRAWN BY:

10 MM BOTTOM PLATE
16 MM SHELL PLATE
12 MM SHELL PLATE
10 MM SHELL PLATE
8 MM SHELL PLATE
4.5 MM ROOF PLATE



ELEVATION

OWNER/APPLICANT NAME:
MON PETROL CO., LTD.

PROJECT
LPG & FUEL PRODUCT TERMINAL

BLOCK NO.
LOT NO.

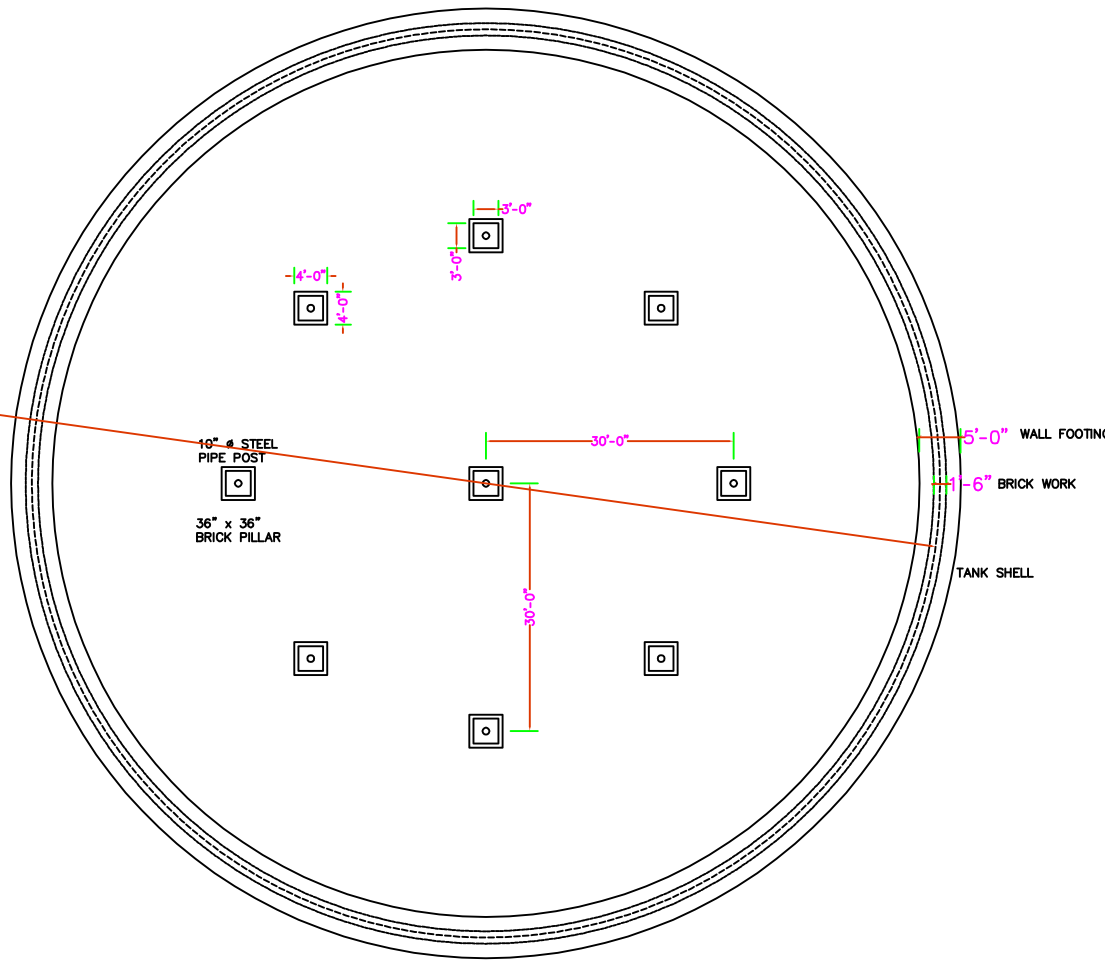
AREA

SUBJECT
3 MILLION GALLONS TANK ELEVATION

SCALE	*1" : 10'-0"*	SHEET NO.	
DATE	*16.12.2018*		*5302/2018*

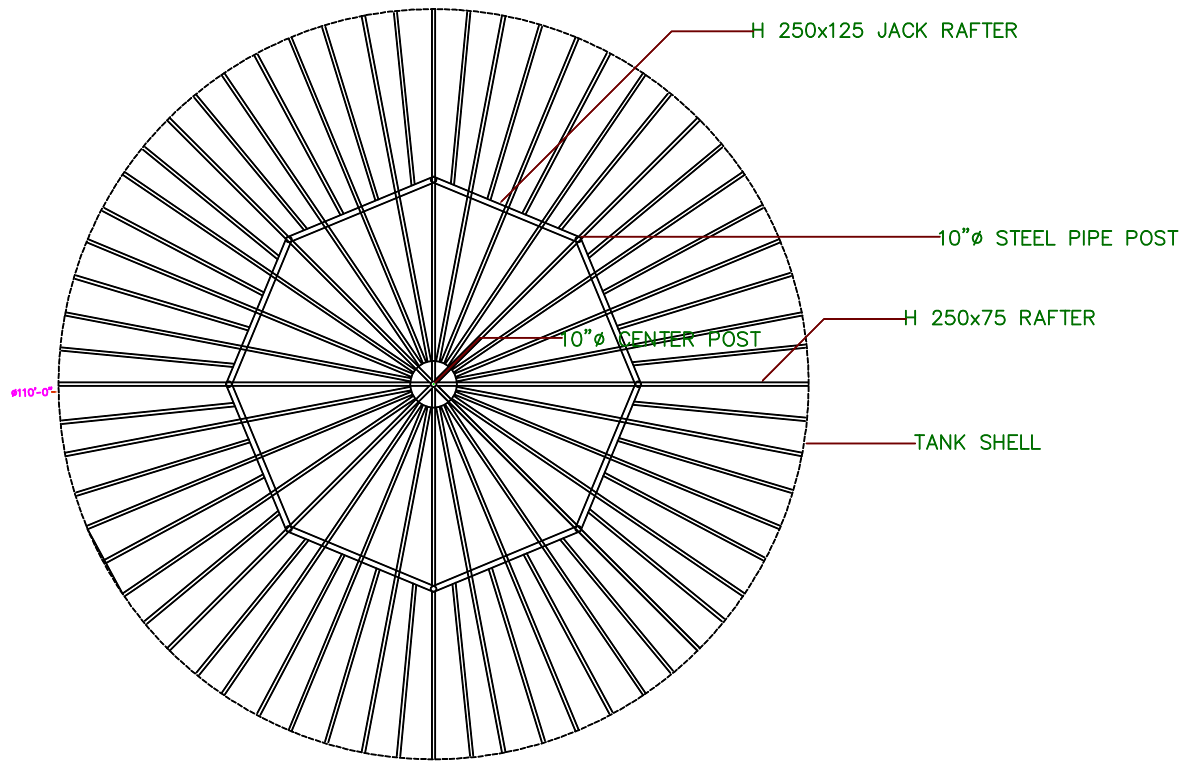
LOCATION:
rGefjynfe,ff rk'kHjrdKUe,f/

DRAWN BY:



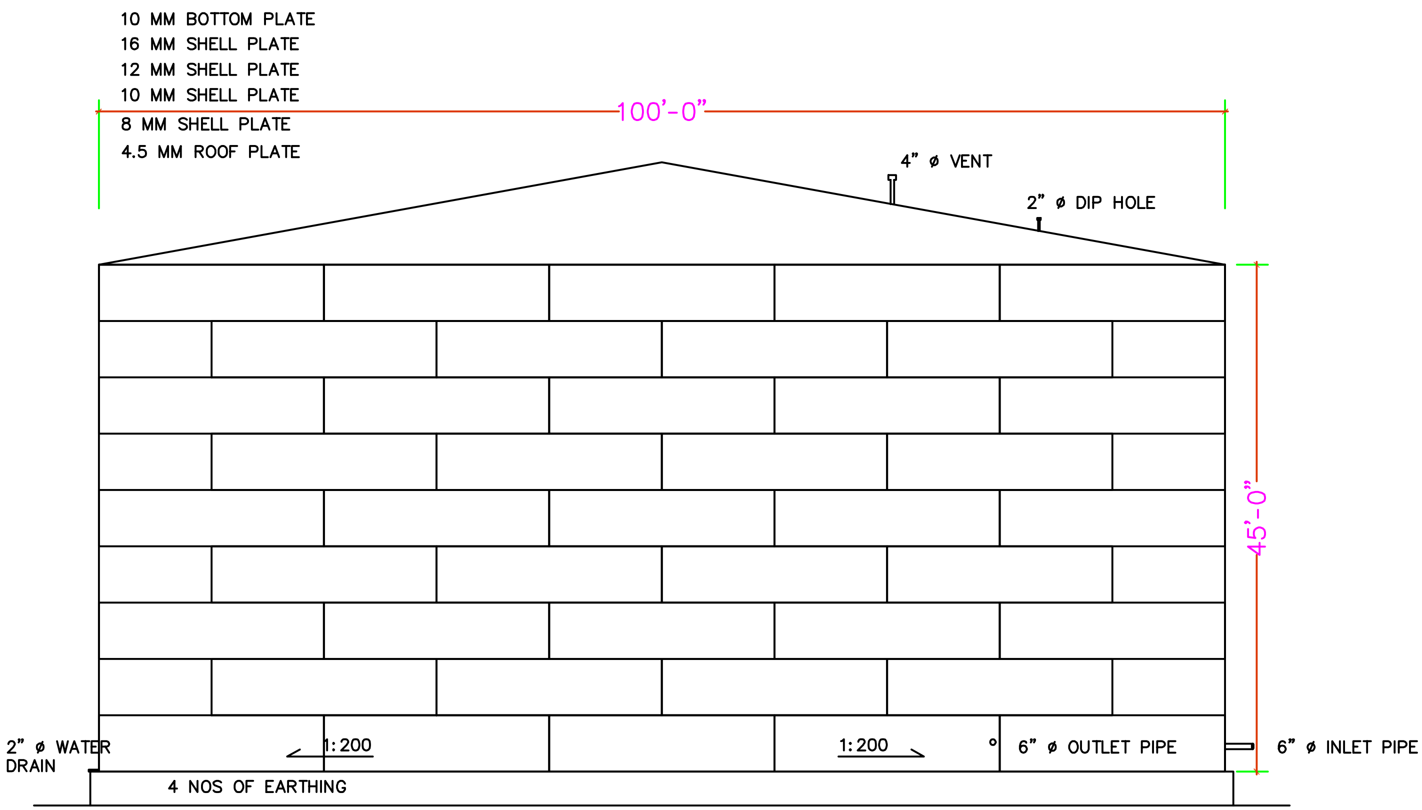
FOUNDATION PLAN

OWNER/APPLICANT NAME:	MON PETROL CO., LTD.
PROJECT	LPG & FUEL PRODUCT TERMINAL
BLOCK NO.	
LOT NO.	
AREA	
SUBJECT	3 MILLION GALLONS TANK FOUNDATION PLAN
SCALE	1" : 14"-0"
DATE	16.12.2018
SHEET NO.	5303/2018
LOCATION:	rGefjynfe,f? rk'kHjrdKUe,f/
DRAWN BY:	



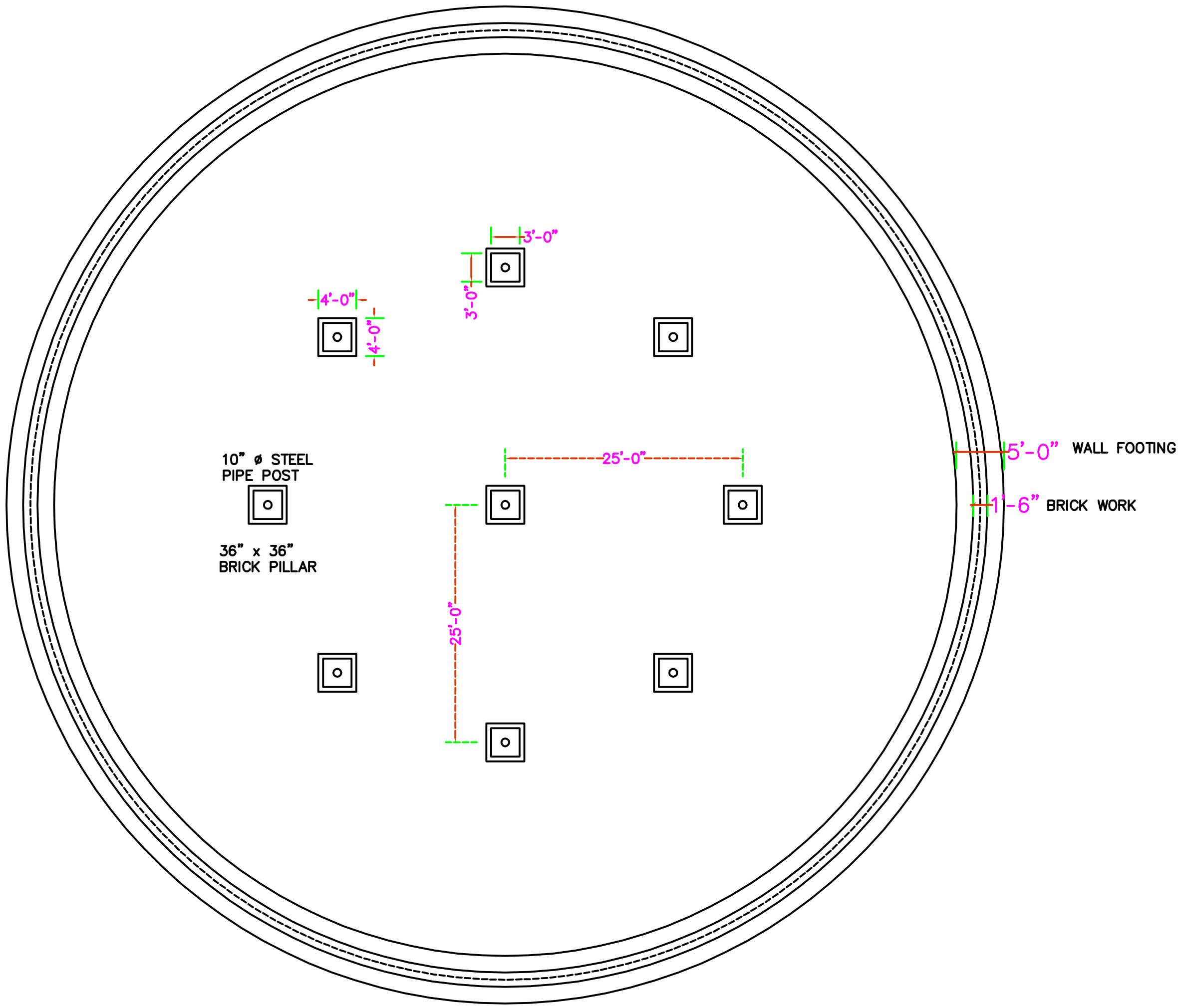
ROOF PLAN

OWNER/APPLICANT NAME:	MON PETROL CO., LTD.
PROJECT	LPG & FUEL PRODUCT TERMINAL
BLOCK NO.	
LOT NO.	
SUBJECT	3 MILLION GALLONS TANK ROOF PLAN
SCALE	1" : 14"-0"
SHEET NO.	5304/2018
DATE	16.12.2018
LOCATION:	rGefjynfe,f? rk'kHjrdKUe,f/
DRAWN BY:	



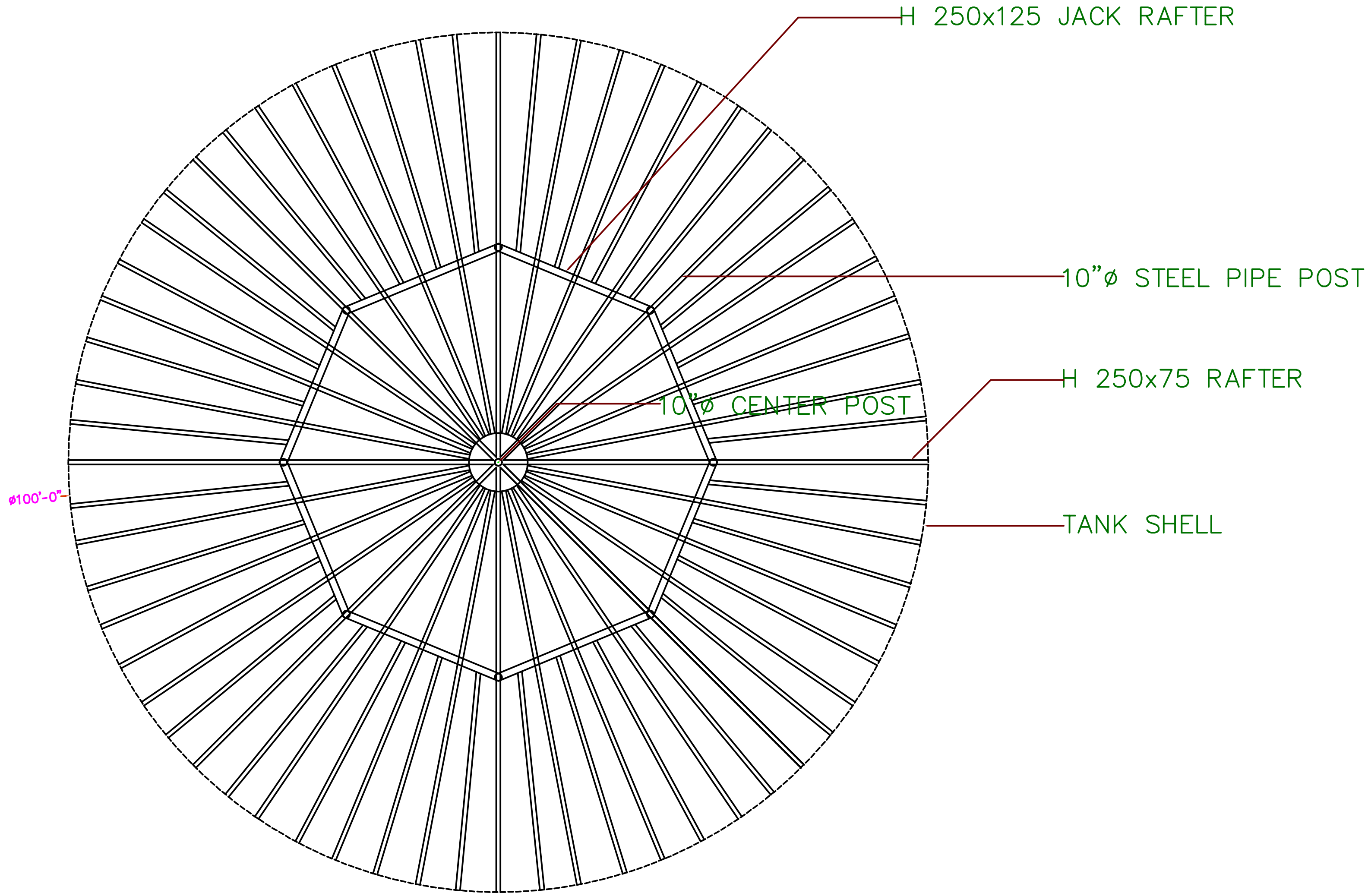
ELEVATION

OWNER/APPLICANT NAME:	MON PETROL CO., LTD.
PROJECT	LPG & FUEL PRODUCT TERMINAL
BLOCK NO.	
LOT NO.	
AREA	
SUBJECT	2 MILLION GALLONS TANK ELEVATION
SCALE	1" : 10'-0"
SHEET NO.	5305/2018
DATE	16.12.2018
LOCATION:	rGefjynfe,f? rk'kHjrdKUe,f/
DRAWN BY:	



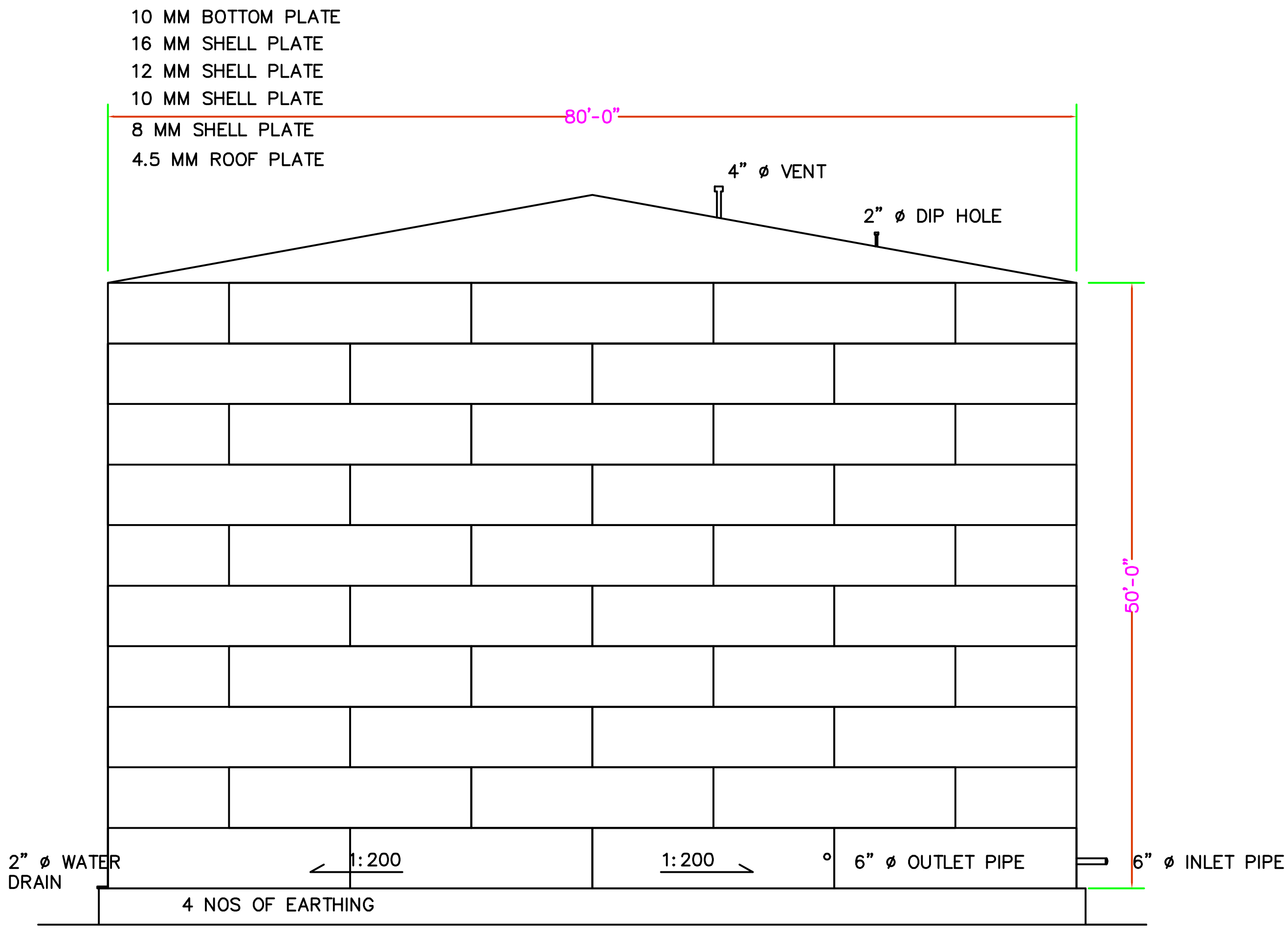
FOUNDATION PLAN

OWNER/APPLICANT NAME:	*MON PETROL CO., LTD.*
PROJECT	*LPG & FUEL PRODUCT TERMINAL*
BLOCK NO.	
LOT NO.	
AREA	
SUBJECT	*2 MILLION GALLONS TANK FOUNDATION PLAN*
SCALE	*1" : 12'-0"*
DATE	*16.12.2018*
SHEET NO.	*5306/2018*
LOCATION:	rGefjynfe,f? rk'kHjrdKUe,f/
DRAWN BY:	



ROOF PLAN

OWNER/APPLICANT NAME:	MON PETROL CO., LTD.
PROJECT	LPG & FUEL PRODUCT TERMINAL
BLOCK NO.	
LOT NO.	
SUBJECT	2 MILLION GALLONS TANK ROOF PLAN
SCALE	1" : 12'-0"
DATE	16.12.2018
SHEET NO.	5307/2018
LOCATION:	rGef;jynfe,f? rk'kH;jrdKUe,f/
DRAWN BY:	



ELEVATION

OWNER/APPLICANT NAME: *MON PETROL CO., LTD.*

PROJECT: *LPG & FUEL PRODUCT TERMINAL*

BLOCK NO.:

LOT NO.:

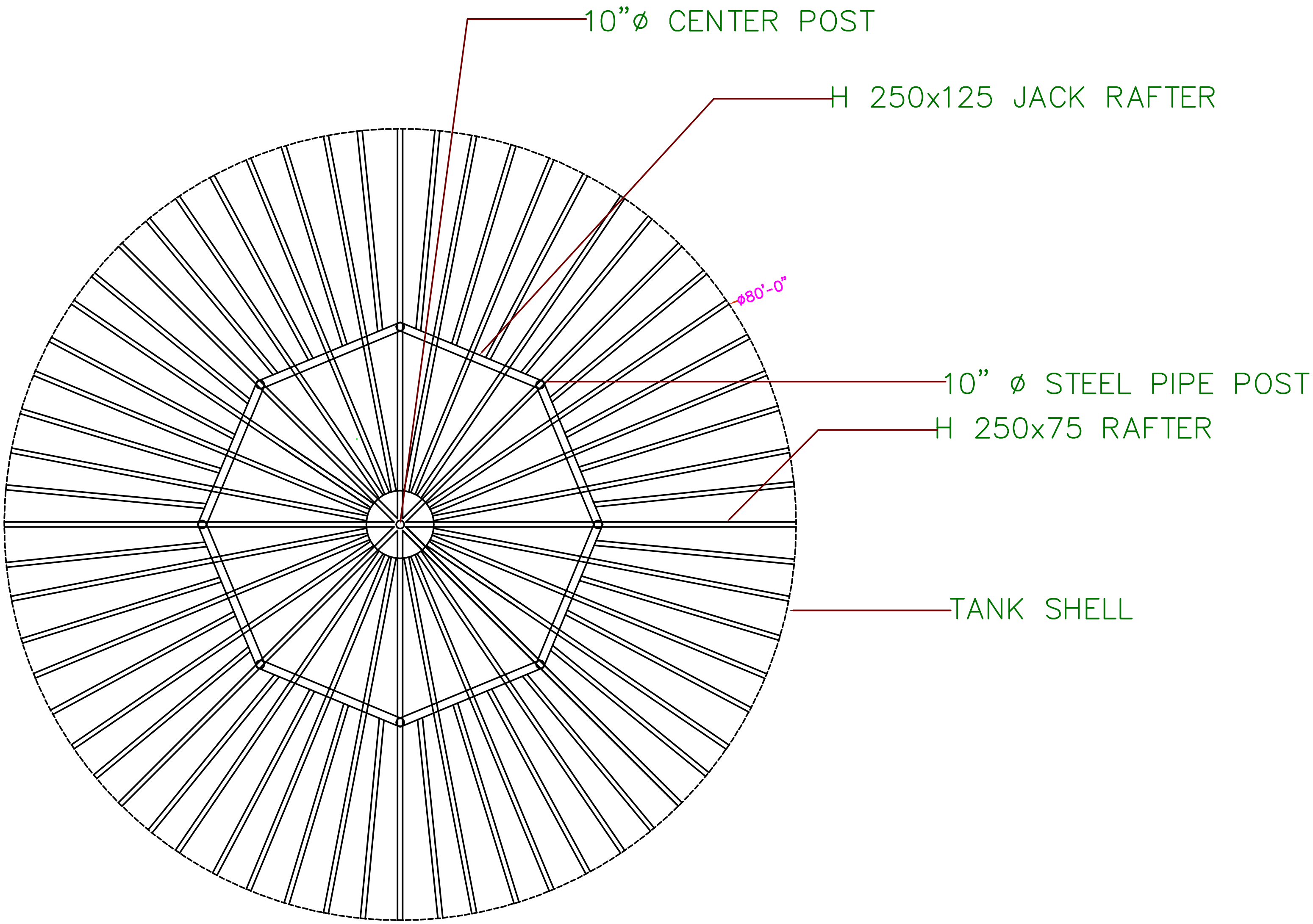
AREA:

SUBJECT: *1.5 MILLION GALLONS TANK ELEVATION*

SCALE	*1" : 9'-0"*	SHEET NO.	*5308/2018*
DATE	*16.12.2018*		

LOCATION: rGefjynfe,f? rk'kHjrdKUe,f/

DRAWN BY:



ROOF PLAN

OWNER/APPLICANT NAME:
MON PETROL CO., LTD.

PROJECT
LPG & FUEL PRODUCT TERMINAL

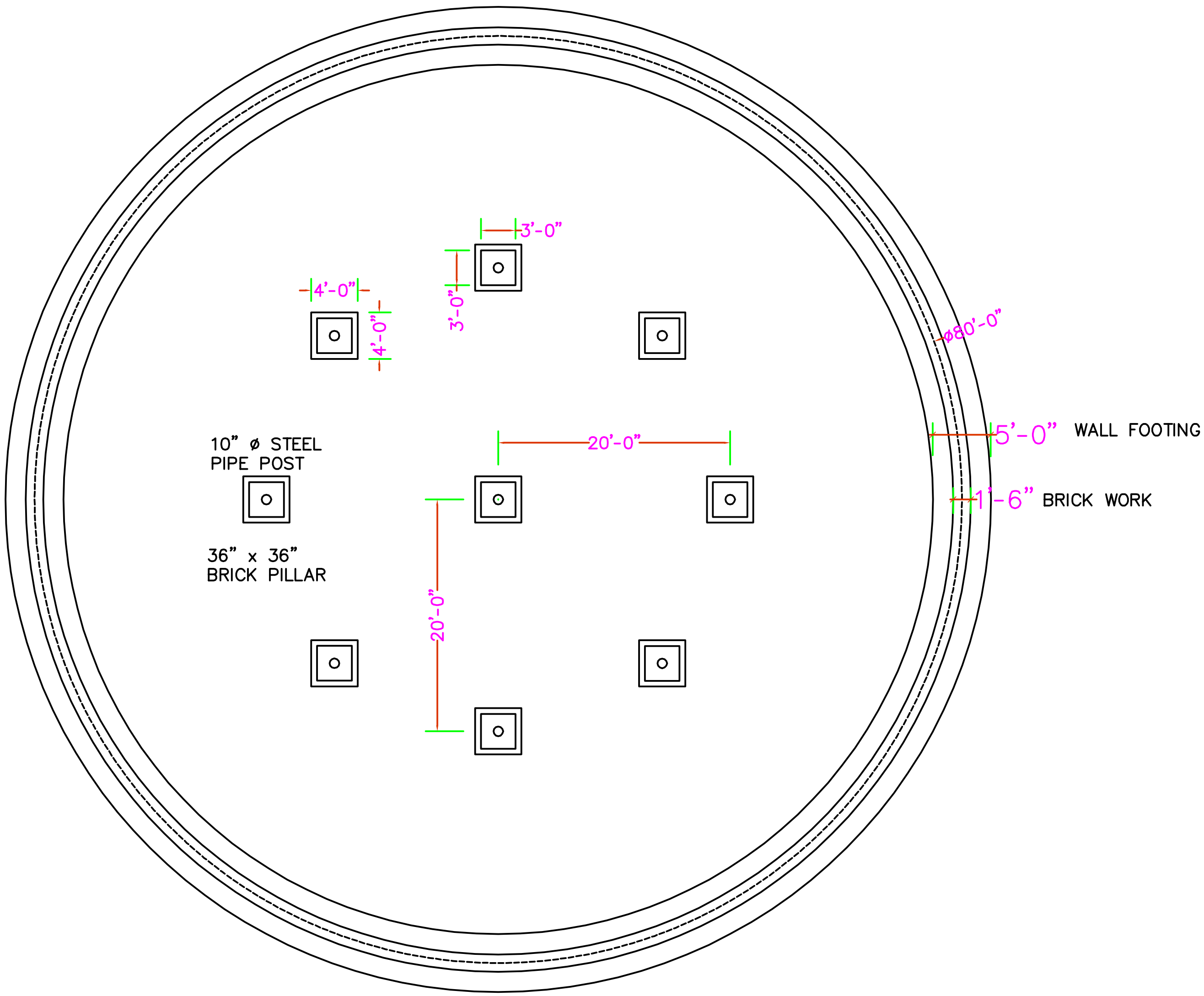
BLOCK NO.	
LOT NO.	

SUBJECT
1.5 MILLION GALLONS TANK
ROOF PLAN

SCALE	1" : 10'-0"	SHEET NO.
DATE	16.12.2018	5310/2018

LOCATION:
rGefjynfe,f? rk'kHjrdKUe,f/

DRAWN BY:



FOUNDATION PLAN

OWNER/APPLICANT NAME:

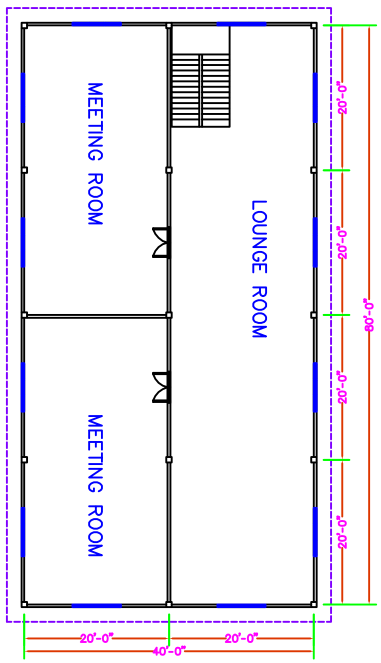
MON PETROL CO., LTD.

PROJECT	LPG & FUEL PRODUCT TERMINAL		
	BLOCK NO.		
	LOT NO.		
AREA			
SUBJECT	1.5 MILLION GALLONS TANK FOUNDATION PLAN		
SCALE	1" : 9'-0"	SHEET NO.	
DATE	16.12.2018	5309/2018	

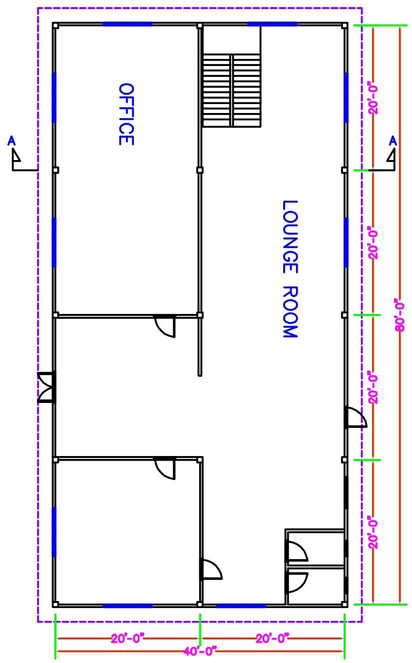
LOCATION:

rGefjynfe,f? rk'kHjrdKUe,f/

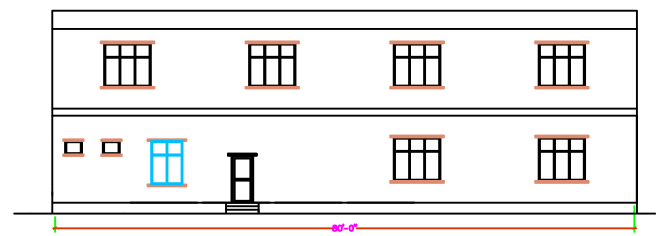
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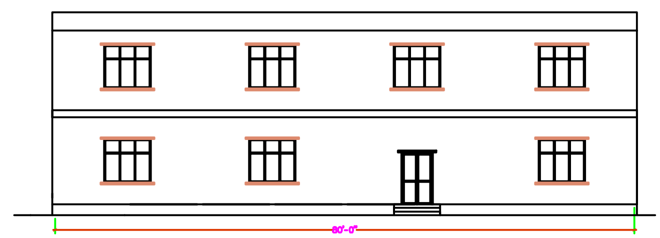
FIRST FLOOR PLAN



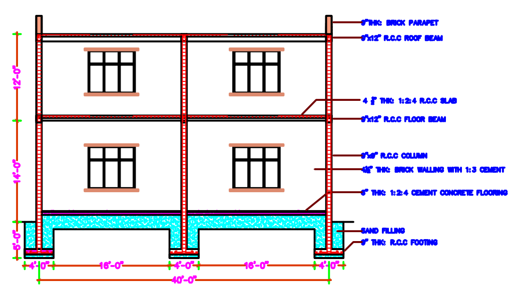
GROUND FLOOR PLAN



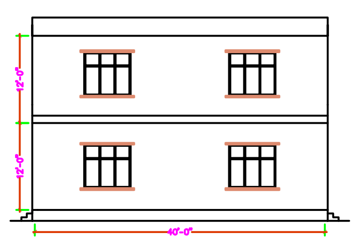
BACK VIEW



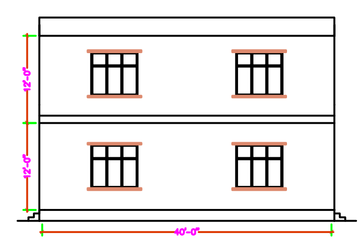
FRONT VIEW



CROSS SECTION
A-A



RIGHT SIDE VIEW



LEFT SIDE VIEW

OWNER/APPLICANT NAME:

MON PETROL CO., LTD.

PROJECT

LPG & FUEL PRODUCT TERMINAL

BLOCK NO.	
LOT NO.	

SUBJECT

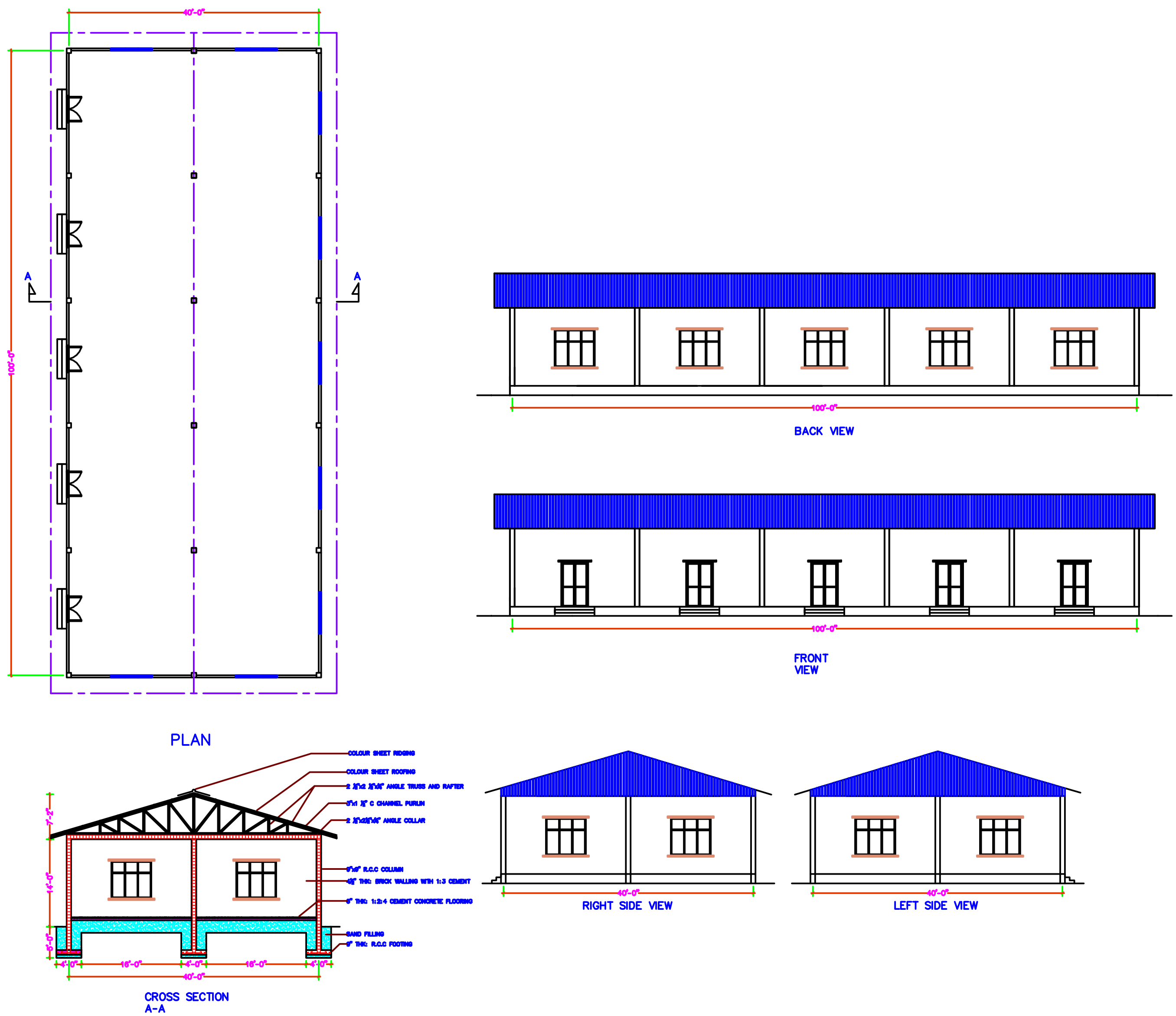
MAIN OFFICE

SCALE	*1" :*	SHEET NO.
DATE	*16-02.2018*	*5311/2018*

LOCATION:

rGefjynfe,f? rk'kHjrdKUe,f/

DRAWN BY:



OWNER/APPLICANT NAME:

MON PETROL CO., LTD.

PROJECT

LPG & FUEL PRODUCT TERMINAL

BLOCK NO.

LOT NO.

SUBJECT

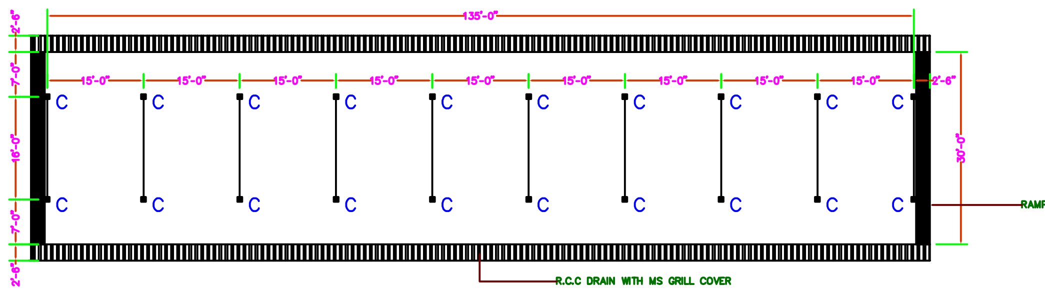
STAFF LOUNGE

SCALE	1" : 16'-0"	SHEET NO.
DATE	16.12.2018	5312/2018

LOCATION:

rGefjynfe,f? rk'kHjrdKUe,f/

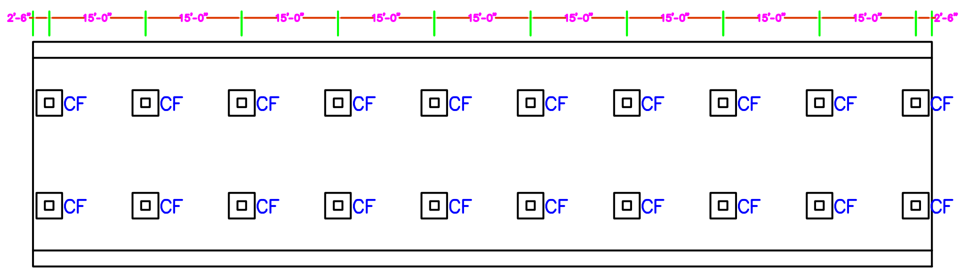
DRAWN BY:



COLUMN PLAN FOR BOWSER FILLING SHED

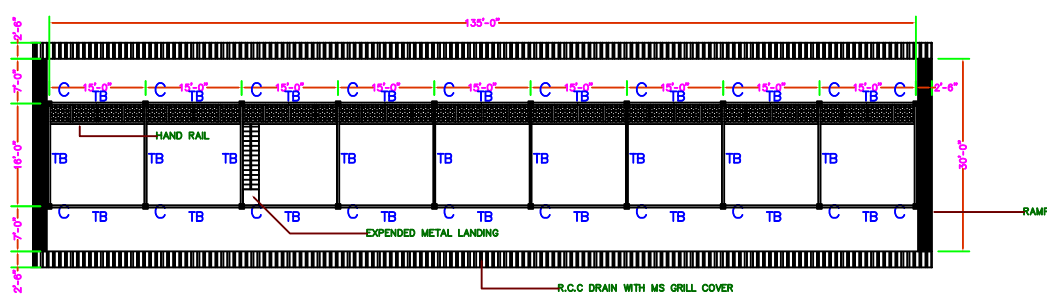
C = 6" ø STEEL PIPE COLUMN

C = 16"x 16" R.C.C SHORT COLUMN
6#T-18 with ¾" ø stirrup @ 6" c/c



C = 16"x 16" R.C.C SHORT COLUMN
6#T-18 with ¾" ø stirrup @ 6" c/c
F = 4'x4'x9" FOOTING
T-16@ 6" C/C bothway

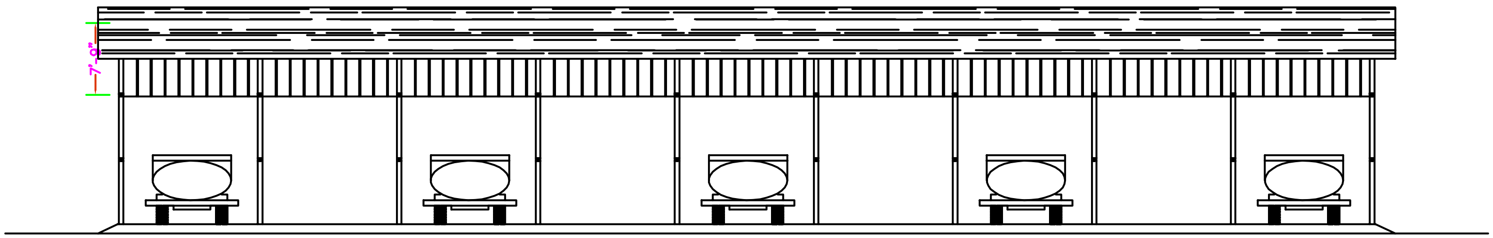
FOUNDATION PLAN FOR BOWSER FILLING SHED



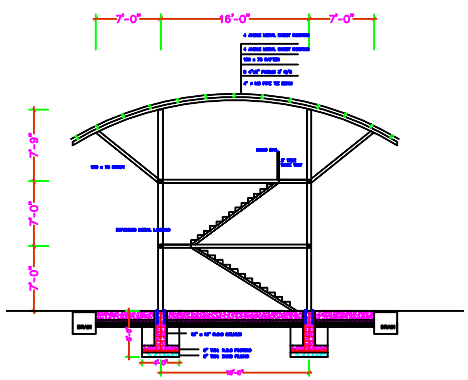
BEAM PLAN FOR BOWSER FILLING SHED

C = 6" ø STEEL PIPE COLUMN
TB = TIE BEAM (4" ø STEEL PIPE)

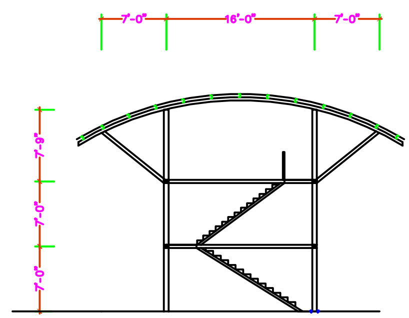
OWNER/APPLICANT NAME:	MON PETROL CO., LTD.
PROJECT	LPG & FUEL PRODUCT TERMINAL
BLOCK NO.	
LOT NO.	
SUBJECT	BOWSER OFFLOADING BAY PLAN
SCALE	1" : 16'-0"
DATE	16.12.2018
SHEET NO.	5313/2018
LOCATION:	rGefjynfe,f? rk'kHjrdKUe,f/
DRAWN BY:	



LONGITUDINAL ELEVATION



SECTION A—A



TRANSVERSE ELEVATION

OWNER/APPLICANT NAME:

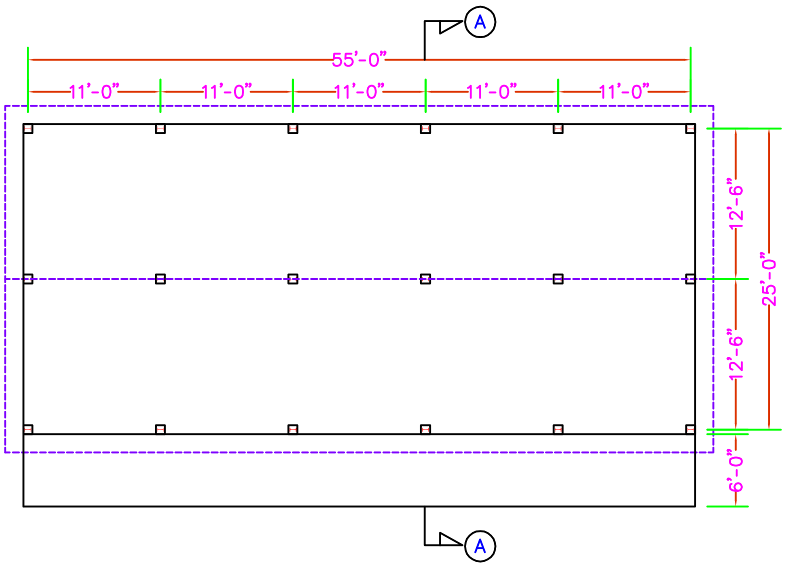
MON PETROL CO., LTD.

PROJECT	*LPG & FUEL PRODUCT TERMINAL*
BLOCK NO.	
LOT NO.	
SUBJECT	*BOWSER OFFLOADING BAY SECTION AND ELEVATIONS*
SCALE	*1" : 24'-0"*
SHEET NO.	*5313-B/2018*
DATE	*16.12.2018*

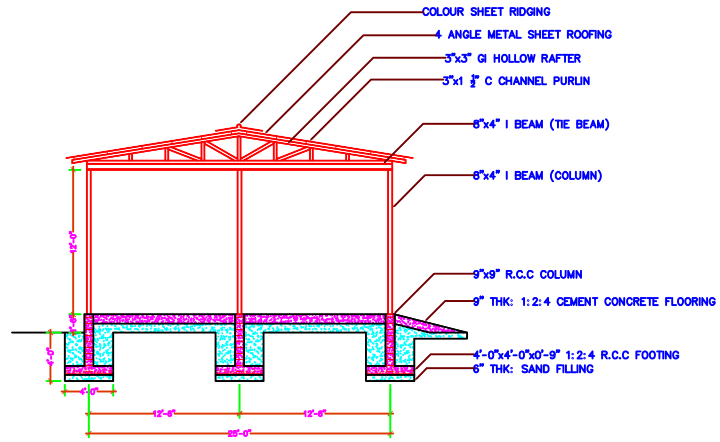
LOCATION:

rGefjynfe,f? rk'kHjrdKUe,f/

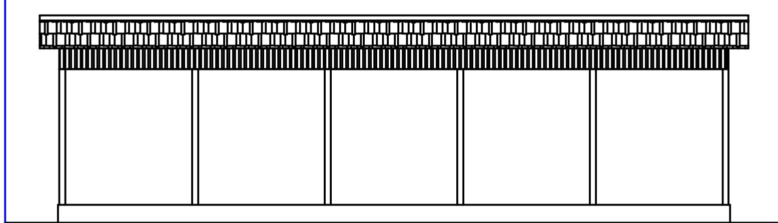
DRAWN BY:



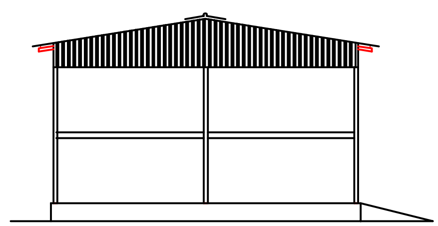
PLAN



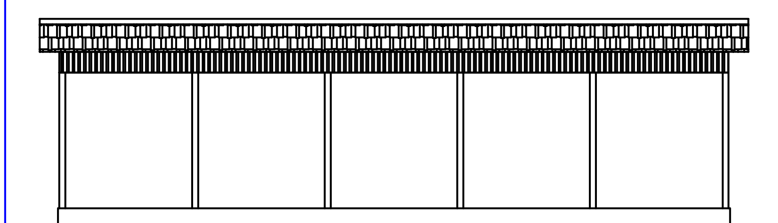
SECTION A-A



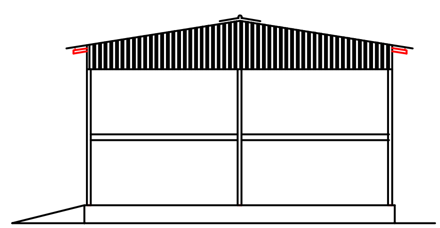
FRONT VIEW



LEFT SIDE VIEW

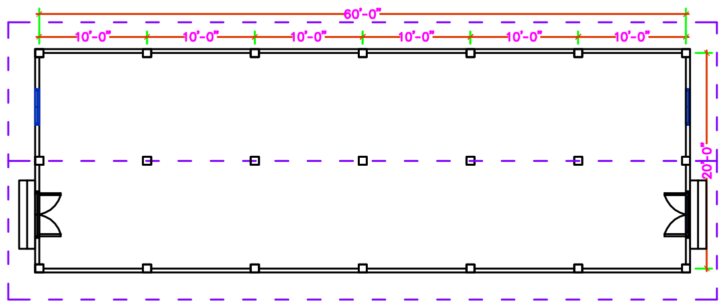


BACK VIEW



RIGHT SIDE VIEW

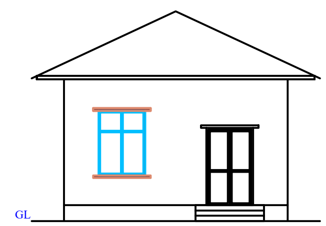
OWNER/APPLICANT NAME:	*MON PETROL CO., LTD.*
PROJECT	*LPG & FUEL PRODUCT TERMINAL*
BLOCK NO.	
LOT NO.	
SUBJECT	*CAR CARAGE*
SCALE	*1" : 10'-0"*
DATE	*16.12.2018*
SHEET NO.	*5314/2018*
LOCATION:	rGefjynfe,f? rk'kHjrdKUe,f/
DRAWN BY:	



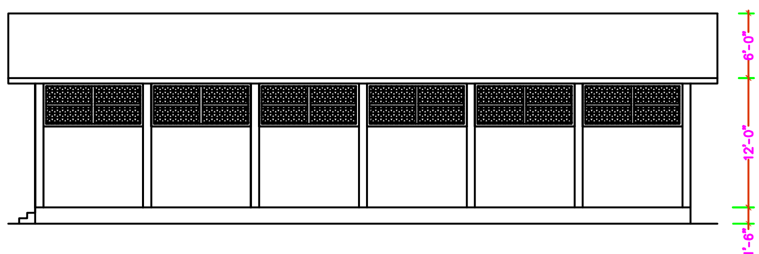
PLAN



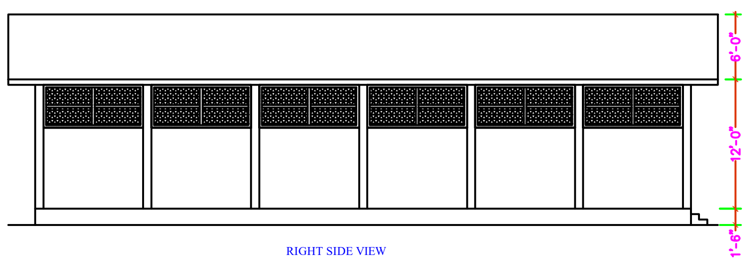
FRONT VIEW



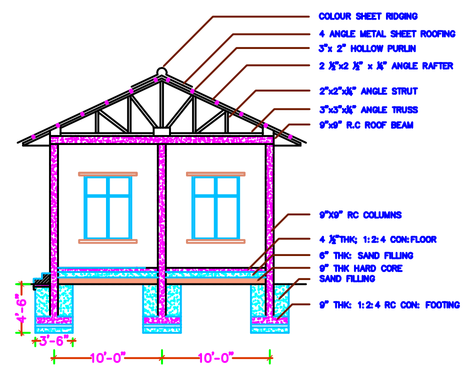
BACK VIEW



LEFT SIDE VIEW

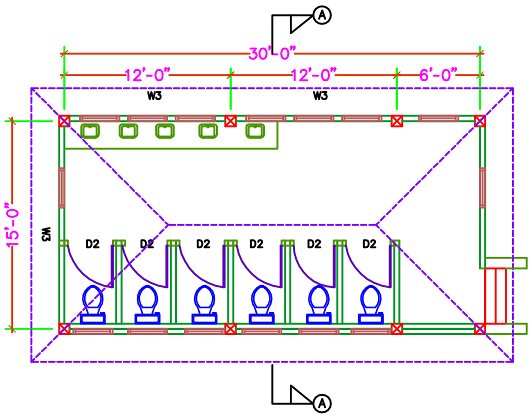


RIGHT SIDE VIEW

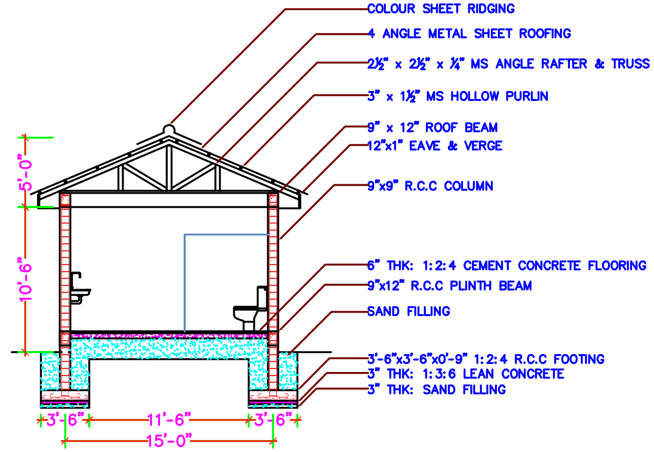


CROSS SECTION

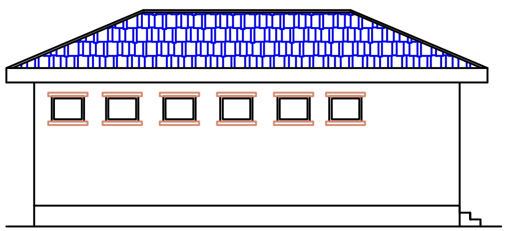
OWNER/APPLICANT NAME:	*MON PETROL CO., LTD.*
PROJECT	*LPG & FUEL PRODUCT TERMINAL*
BLOCK NO.	
LOT NO.	
SUBJECT	*PUMP HOUSE*
SCALE	*1" : 10'-0"*
DATE	*16.12.2018*
SHEET NO.	*5315/2018*
LOCATION:	rGefjynfe,f? rk'kHjrdKUe,f/
DRAWN BY:	



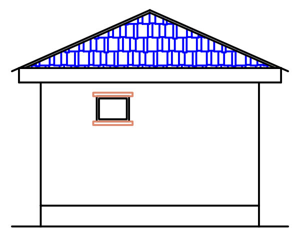
PLAN



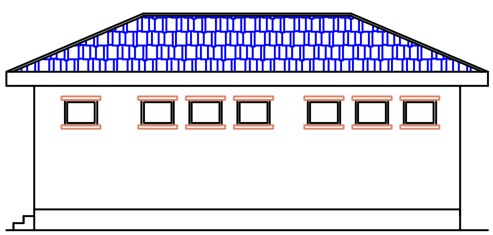
SECTION A-A



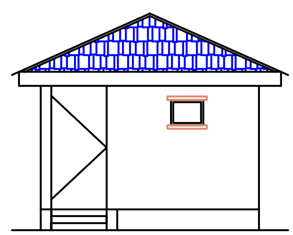
LEFT SIDE VIEW



BACK VIEW



RIGHT SIDE VIEW



FRONT VIEW

OWNER/APPLICANT NAME:

MON PETROL CO., LTD.

PROJECT

LPG & FUEL PRODUCT TERMINAL

BLOCK NO.	
LOT NO.	

SUBJECT

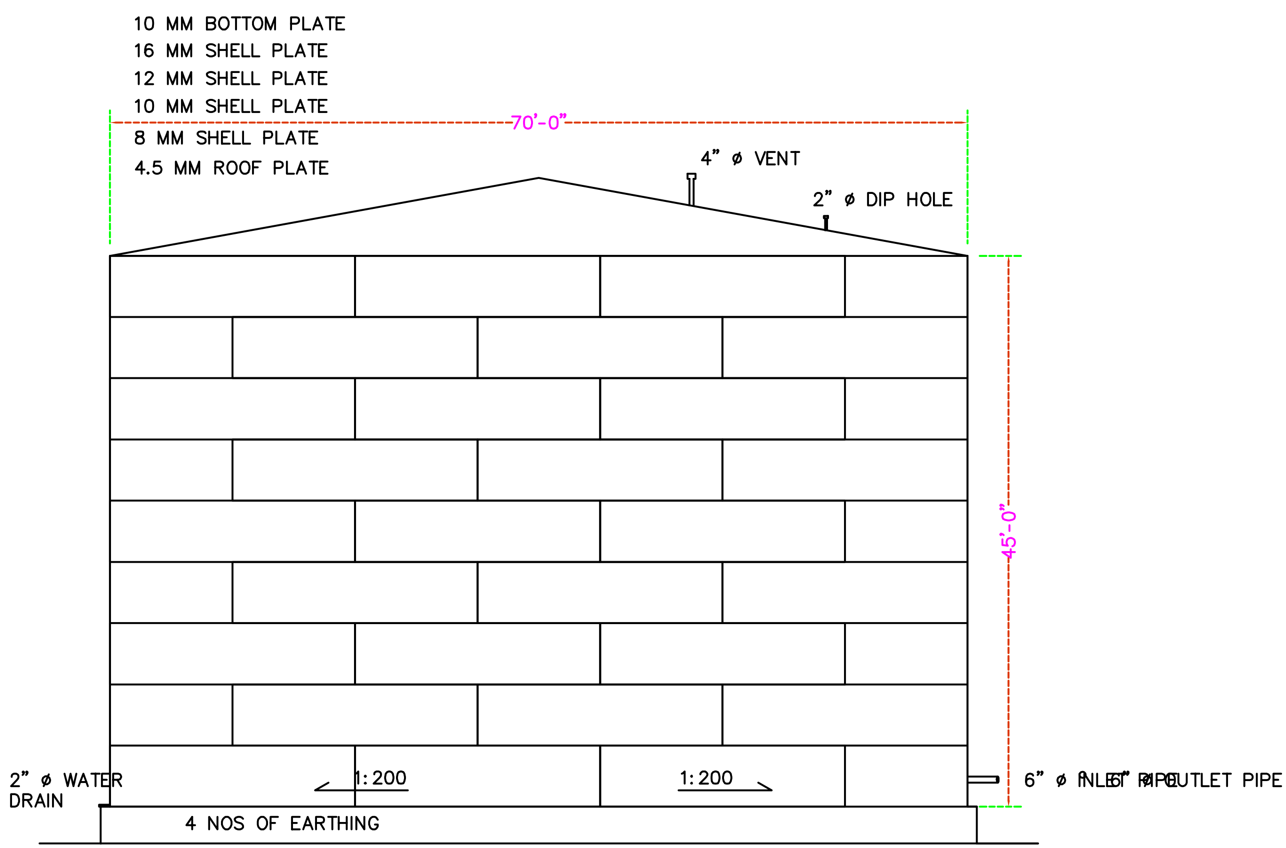
TOILET

SCALE	1" : 8'-0"	SHEET NO.
DATE	16.12.2018	5316/2018

LOCATION:

rGefjnfe,f? rk'kHjrdKUe,f/

DRAWN BY:



ELEVATION

OWNER/APPLICANT NAME:

MON PETROL CO., LTD.

PROJECT

LPG & FUEL PRODUCT TERMINAL

BLOCK NO.

LOT NO.

AREA

SUBJECT

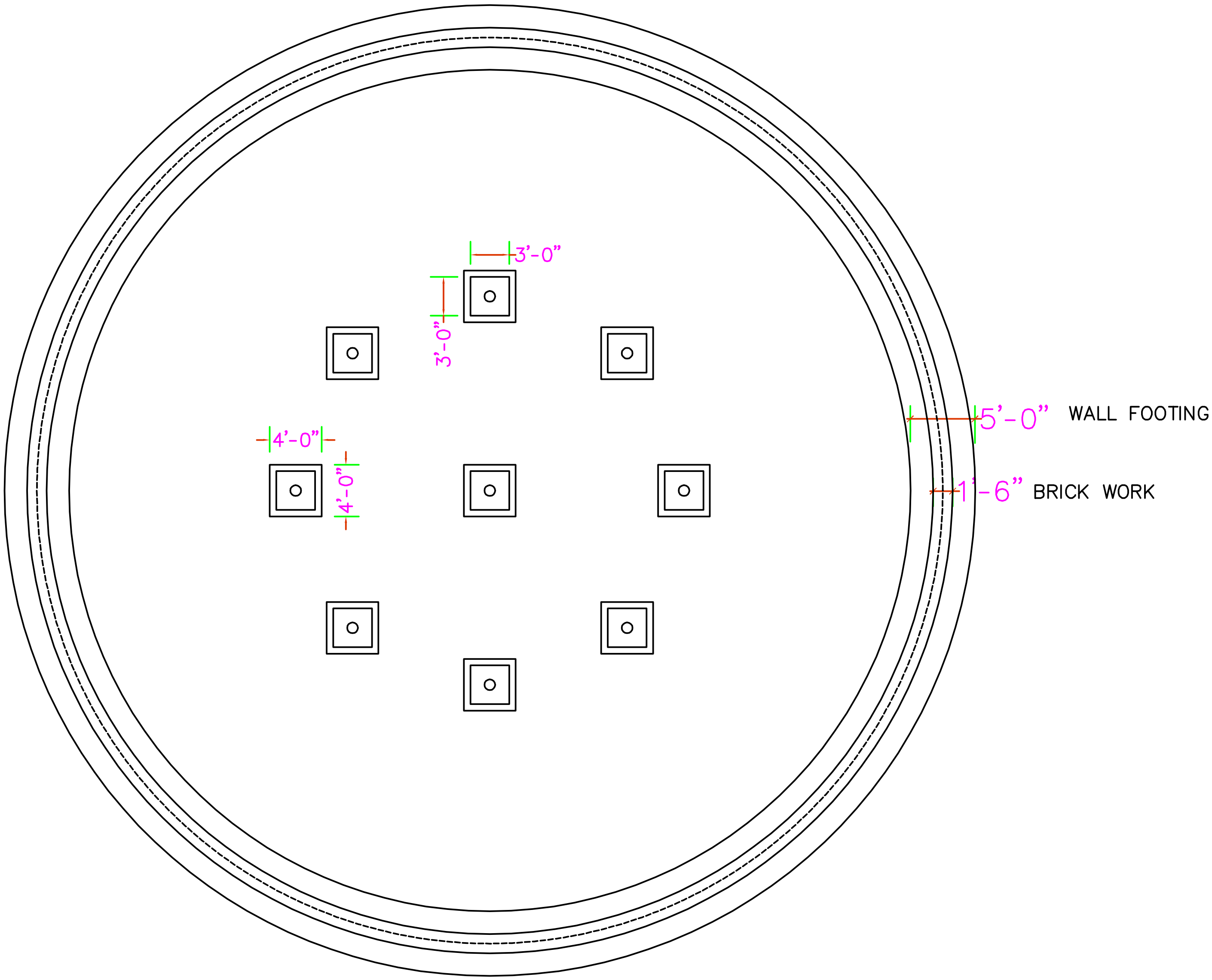
1 MILLION GALLONS TANK ELEVATION

SCALE	1" : 9'-0"	SHEET NO.	
DATE	16.12.2018	5318/2018	

LOCATION:

rGefjynfe,f? rk'kHjrdKUe,f/

DRAWN BY:



FOUNDATION PLAN

OWNER/APPLICANT NAME:

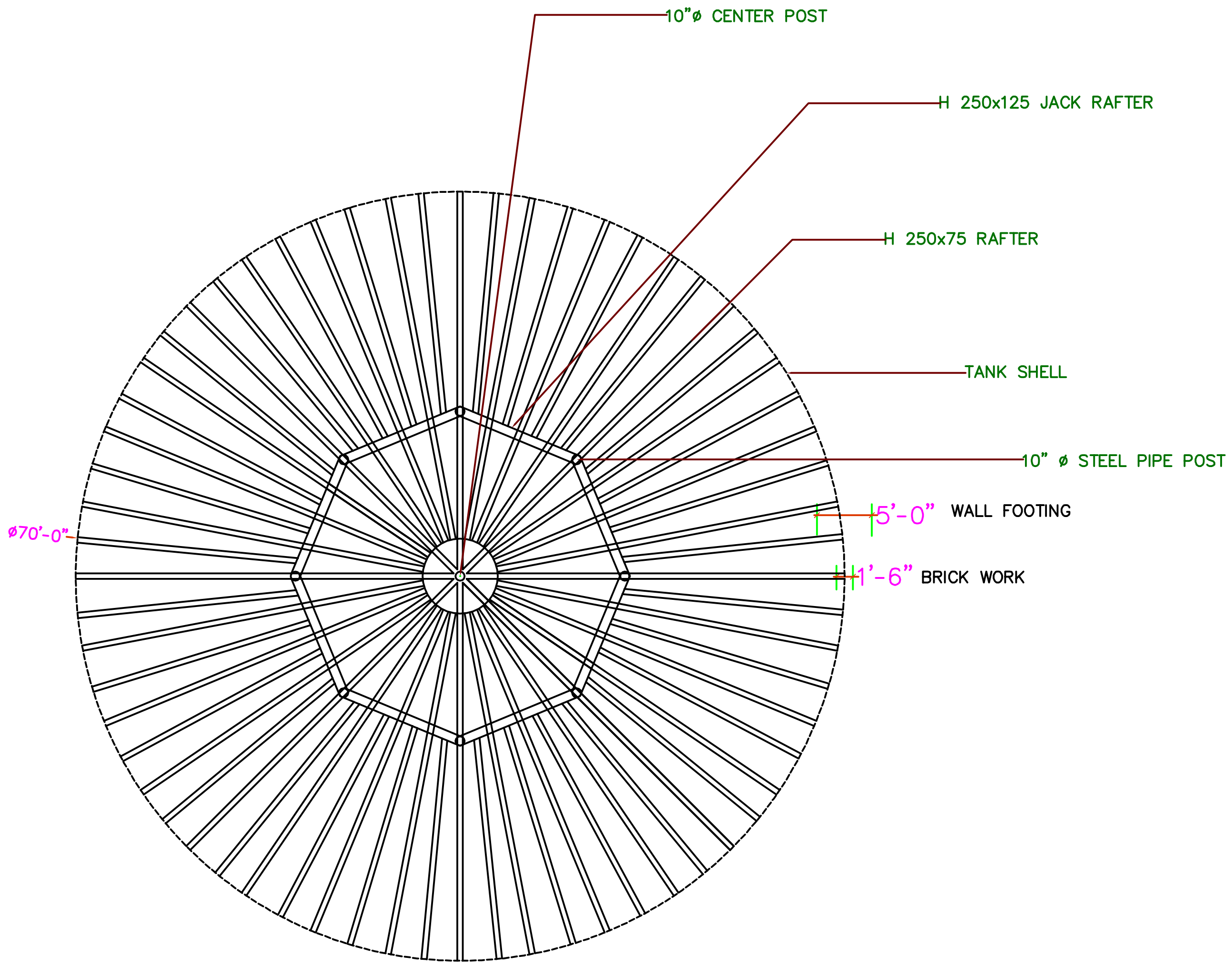
MON PETROL CO., LTD.

PROJECT	*LPG & FUEL PRODUCT TERMINAL*		
	BLOCK NO.		
	LOT NO.		
AREA			
SUBJECT	*1 MILLION GALLONS TANK FOUNDATION PLAN*		
SCALE	*1" : 8'-0"*	SHEET NO.	
DATE	*16.12.2018*	*5319/2018*	

LOCATION:

rGefjynfe,f? rk'kHjrdKUe,f/

DRAWN BY:



ROOF PLAN

OWNER/APPLICANT NAME:	MON PETROL CO., LTD.
PROJECT	LPG & FUEL PRODUCT TERMINAL
BLOCK NO.	
LOT NO.	
SUBJECT	1 MILLION GALLONS TANK ROOF PLAN
SCALE	1" : 10'-0"
DATE	16.12.2018
SHEET NO.	5320/2018
LOCATION:	rGefjynfe,f? rk'kHjrdKUe,f/
DRAWN BY:	